

C  
C72uZph

1893/94 -

1908/10



2uZph  
3/94

DNE



Columbia College  
in the City of New York

---

*PART VI*

UNIVERSITY FACULTY OF  
PHILOSOPHY

CT2uZph E

*CIRCULAR OF INFORMATION*

*1893-94*


4-25-'93-7,000



# CONTENTS

---

	PAGE
TRUSTEES OF COLUMBIA COLLEGE . . . . .	V
UNIVERSITY FACULTY OF PHILOSOPHY . . . . .	I
OTHER OFFICERS . . . . .	2
GENERAL STATEMENT . . . . .	3
Admission and Attendance . . . . .	4
Matriculation and Registration . . . . .	4
THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY . . . . .	5
General Regulations . . . . .	5
Supplemental Regulations . . . . .	7
UNIVERSITY FELLOWSHIPS . . . . .	10
FEES . . . . .	11
COURSES OF STUDY AND RESEARCH FOR 1893-4 . . . . .	12-30
Department of Philosophy and Pedagogy . . . . .	12
Department of Experimental Psychology . . . . .	14
Department of Greek (including Archæology and Epigraphy) . . . . .	15
Department of Latin (including Archæology and Epigraphy) . . . . .	16
Department of English . . . . .	18
Department of Literature . . . . .	19
Department of Rhetoric . . . . .	19
Department of the Germanic Languages . . . . .	20
Department of the Romance Languages . . . . .	21
Department of Sanskrit . . . . .	24
Department of the Semitic Languages . . . . .	24
Department of the Iranian Languages . . . . .	26
Study of Language . . . . .	26
Lectures on Oriental Subjects . . . . .	27
Courses at the Union Theological Seminary open to Students in Columbia College . . . . .	27
CONSULTATION HOURS . . . . .	31
REGISTER OF STUDENTS . . . . .	32
TABULAR VIEW OF PROPOSED LECTURES, 1893-4 . . . . .	38-9
ACADEMIC CALENDAR . . . . .	40



Digitized by the Internet Archive  
in 2012 with funding from  
University of Illinois Urbana-Champaign

# TRUSTEES OF COLUMBIA COLLEGE

HAMILTON FISH, LL.D.

*Chairman*

JOHN B. PINE

*Clerk*

HAMILTON FISH, LL.D.

WILLIAM C. SCHERMERHORN

MORGAN DIX, S.T.D., D.C.L.

SAMUEL BLATCHFORD, LL.D.

STEPHEN P. NASH, LL.D.

JOSEPH W. HARPER

CHARLES A. SILLIMAN

FREDERICK A. SCHERMERHORN

GERARD BEEKMAN

ABRAM N. LITTLEJOHN, D.D.,  
LL.D. (Cantab.)

EDWARD MITCHELL

W. BAYARD CUTTING

TALBOT W. CHAMBERS, S.T.D.

SETH LOW, LL.D.

GEORGE L. RIVES

LENOX SMITH

JOHN CROSBY BROWN

HENRY C. POTTER, D.D., LL.D.  
(Cantab.)

WILLIAM H. DRAPER, M.D.

MARVIN R. VINCENT, S.T.D.

JOHN B. PINE

CORNELIUS VANDERBILT

GEORGE G. WHEELOCK, M.D.

FREDERIC R. COUDERT, LL.D.

---

## TREASURER

JOHN MCLEAN NASH . . . . . 67 Wall Street



# UNIVERSITY FACULTY OF PHILOSOPHY

NAME	ADDRESS
SETH LOW, LL.D.....	30 East 64th Street President of Columbia College
HENRY DRISLER, LL.D.....	48 West 46th Street Jay Professor of the Greek Language and Literature
AUGUSTUS CHAPMAN MERRIAM, Ph.D.....	640 Madison Avenue Professor of Greek Archæology and Epigraphy
THOMAS RANDOLPH PRICE, M.A., LL.D.....	41 East 22d Street Professor of the English Language and Literature
HJALMAR HJORTH BOYESEN, Ph.D.....	48 West 45th Street Professor of the Germanic Languages and Literatures
JOHN DUNCAN QUACKENBOS, A.M., M.D...331	West 28th Street Professor of Rhetoric Secretary of the Faculty
HARRY THURSTON PECK, Ph.D.....	New Rochelle, N. Y. Professor of the Latin Language and Literature
NICHOLAS MURRAY BUTLER, Ph.D.....	Columbia College Professor of Philosophy, Ethics, and Psychology, and Lecturer on the History and Institutes of Education Dean of the Faculty
WILLIAM HENRY CARPENTER, Ph.D.....	Columbia College Adjunct Professor of the Germanic Languages and Literatures
JAMES MCKEEN CATTELL, Ph.D.....	Garrisons, N. Y. Professor of Experimental Psychology
EDWARD DELAVAN PERRY, Ph.D.....	133 East 55th Street Professor of Sanskrit
BERNARD FRANCIS O'CONNOR, Ph.D... ..	441 West 20th Street Adjunct Professor of the Romance Languages and Literatures

- ABRAHAM VALENTINE WILLIAMS JACKSON, L.H.D., Ph.D.  
16 Highland Place, Yonkers, N. Y.  
Adjunct Professor of the English Language and Literature
- ADOLPHE COHN, LL.B., A.M. . . . . 10 East 130th Street  
Professor of the Romance Languages and Literatures
- GEORGE EDWARD WOODBERRY, A.B. . . . . 5 East 17th Street  
Professor of Literature
- WILLIAM HENRY WALTER, Mus. D. . . . . Fordham, N. Y.  
Emeritus Professor of Music
- GEORGE WILLIAM WARREN, Mus. D. . . . . 9 West 49th Street  
Professor of Music
- BRANDER MATTHEWS, A.M., LL.B. . . . . 121 East 18th Street  
Professor of Literature
- RICHARD JAMES HORATIO GOTTHEIL, Ph.D. . 57 East 76th Street  
Professor of Rabbinical Literature and the Semitic Languages

## OTHER OFFICERS

- JAMES CHIDESTER EGBERT, Jr., Ph.D.  
364 Webster Ave., Jersey City, N. J.  
Instructor in Latin
- JAMES HERVEY HYSLOP, Ph.D. . . . . 171 West 81st Street  
Instructor in Ethics
- CARLO LEONARDO SPERANZA, LL.B., A.M. . 128 East 63d Street  
Instructor in Italian and Spanish
- CLARENCE HOFFMAN YOUNG, Ph.D. . . . . 308 West 58th Street  
Instructor in Greek
- NELSON GLENN MCCREA, Ph.D. . . . . 533 Franklin Ave., Brooklyn  
Tutor in Latin
- BENJAMIN DURVEA WOODWARD, Ph.D. . . . . 462 West 22d Street  
Tutor in the Romance Languages
- 
- ROBERT SENFTNER, LL.B. . . . . Columbia College  
Registrar

## GENERAL STATEMENT

---

The Faculty of Philosophy has charge of the university courses of instruction and research in philosophy, philology, and letters. Any duly matriculated university student is at liberty to combine courses of study and investigation under this faculty with courses offered by the University Faculties of Law, Medicine, Political Science, Mines (Applied Science), and Pure Science.

Students are received either as candidates for the degrees of bachelor of arts, master of arts, or doctor of philosophy, or to pursue special or partial courses. Those courses of lectures which are designated by a star (\*) are open to the public, men and women alike, on payment of an auditor's fee. No auditor will be admitted to any course without the consent of the instructor, previously obtained. Auditors do not have and cannot receive any university recognition whatever.

Students enrolled either in the General, the Union, or the Jewish Theological Seminary, in the city of New York, who may be designated for the privilege by the authorities of those institutions, and accepted by the President of Columbia College, are admitted to the courses offered by the Faculty of Philosophy free of any charge for tuition.

Students enrolled in the Art Schools of the Metropolitan Museum of Art, who may be designated for the privilege by the authorities of those schools, and accepted by the President of Columbia College, are permitted to attend the courses of lectures on archæology and æsthetics free of any charge for tuition.

By the terms of an alliance between Columbia College and the Teachers' College, at 9 University Place, duly qualified students of the Teachers' College will, after July 1, 1893, be permitted to enter the courses offered by the Faculty of Philosophy, either as candidates for degrees or as special students.

All of these institutions offer reciprocal privileges to students of Columbia College.

## Admission and Attendance

Students desiring to pursue their studies under the direction of the Faculty of Philosophy as candidates for a degree, must have completed the curriculum of some college in good standing at least to the close of the junior year. Certificates of graduation or dismission from institutions of learning in foreign countries are also accepted.

Candidates for the degree of bachelor of arts are required to pursue courses of instruction amounting in all to not less than fifteen hours of attendance per week for one year, and must conform to such requirements regarding a graduation thesis as are established for members of the senior class in the School of Arts. Their selection of studies is not confined to those in this faculty. Students may pursue courses offered by the Faculty of Political Science or the Faculty of Pure Science, or the first-year course in the School of Law or the School of Medicine, and count the same as part of the requirement for the bachelor's degree.

Candidates for the degrees of master of arts and doctor of philosophy must hold a bachelor's degree from some college in good standing and remain in residence for not less than one and two years respectively. They are required to pursue courses of study or research in one major and two minor subjects, but are not held to any fixed number of hours of attendance per week.

Candidates for the degree of doctor of philosophy who have been in residence at other universities are given credit for the same.

Students who are not candidates for a degree are admitted to any courses which they are found competent to undertake.

There are no examinations for admission, either as candidates for a degree or as special students. Students are admitted at any time during the year, and may present themselves for examination for a degree whenever the requirements as to residence and an essay or dissertation have been complied with.

## Matriculation and Registration

Each student on first connecting himself with Columbia College is required to sign the matriculation book in the office of the President, and pay a fee of \$5.00. Immediately after matriculation, and before entering upon his studies each year thereafter,



every student who desires to pursue his studies, either wholly or in part, under the direction of the Faculty of Philosophy, must register himself in the office of the dean of that faculty and receive a registration book. Until his matriculation and registration are completed, no student is entitled to attend any university exercises whatever, nor will any attendance previous to matriculation and registration be counted as part of the residence required for a degree.

---

## THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

Candidates for these degrees are governed by the general regulations established by the University Council, and by the supplemental regulations established by the Faculty of Philosophy.

### A—General Regulations

1 Any Student who has taken his baccalaureate degree either in Columbia College or in some other college maintaining an equivalent curriculum (every such case of equivalence to be considered on its own merits) shall be entitled, with the approval of the President, to become a candidate for the degrees of master of arts and doctor of philosophy, or either of them.

2 Each student who declares himself a candidate for the degrees of master of arts and doctor of philosophy, or either of them, shall, immediately after registration, designate one principal or major subject and two subordinate or minor subjects, which when approved by the proper faculty shall be the studies of his university course. Should the subjects designated by the candidate fall within the jurisdiction of more than one university faculty, the candidate's selection must receive the sanction of the President before it is recorded.

3 Candidates for the degrees of master of arts and doctor of philosophy, or either of them, must pursue their studies under the direction of the professors and other officers of instruction in charge of the subjects selected by the candidates as major and minor, attending such lectures as may be designated, and perform-

ing faithfully such other work in connection therewith, as may from time to time be prescribed.

4 Students desiring to be examined as candidates for any degree must make written application for such examination to the dean of each faculty under which they are studying, on blank forms provided for the purpose.

5 Each candidate for the degree of master of arts, in addition to passing satisfactory examinations on prescribed portions of the subject selected by him as major and minor, shall present an essay on some topic previously approved by the professor in charge of his major subject. Before the candidate is admitted to examination, the professor in charge of his major subject must have signified his approval of such essay.

6 Each candidate for the degree of doctor of philosophy, in addition to passing satisfactory examinations on the subjects selected by him as major and minor, shall present a dissertation embodying the result of original investigation and research, on some topic previously approved by the faculty. When such dissertation has been approved by the faculty, it shall be printed by the candidate and one hundred and fifty copies shall be delivered to the faculty. On the title-page of every such dissertation shall be printed the words: "Submitted in partial fulfilment of the requirements for the degree of doctor of philosophy, in the University Faculty of ———, Columbia College." There shall be appended to each dissertation a statement of the educational institutions that the author has attended, and a list of the degrees and honors conferred upon him, as well as the titles of any previous publications.

7 Every candidate for the degree of doctor of philosophy, in addition to passing such other examinations as may be required by the faculty, shall be subjected to an oral examination on his major subject and shall defend his dissertation, in the presence of the entire faculty or of so many of its members as may desire to attend. The ability to read at sight two or all of the following languages—Latin, French, and German—as each faculty may determine, will also be required.

8 Students holding college degrees, who shall have completed with marked distinction the entire course of the School of Law,

the School of Medicine, or the School of Mines, may be recommended by the faculty of the school in which they have studied, for the degree of master of arts ; provided that in each case the candidate present a satisfactory dissertation, and that at least a part of the extra work required of him for the degree of master of arts be taken under the direction of either the Faculty of Philosophy or the Faculty of Political Science to the extent of a minor course for not less than one year.

9 The degree of doctor of philosophy, when taken in science and based upon a preparatory scientific training only, is subject to the same conditions as those imposed by section 8 upon candidates for the degree of master of arts in the Schools of Law, Medicine, and Mines.

## B—Supplemental Regulations

1 Candidates for the degrees of bachelor of arts, master of arts, and Doctor of Philosophy, or any of them, will be admitted to the courses under the control of the Faculty of Philosophy, subject to the conditions prescribed by the statutes of the College and by this faculty.

2 The course of study shall embrace instruction in logic, psychology, ethics, history of philosophy, pedagogics, the Greek language and literature including epigraphy and archæology, the Latin language and literature including epigraphy and archæology, the English language and literature including Anglo-Saxon, the Germanic languages and literatures, the Romance languages and literatures, Sanskrit, the Iranian languages, and the Semitic languages ; and such other subjects as may from time to time be authorized by the Trustees.

3 Students who shall satisfactorily complete a selection of the courses referred to in section 2, amounting in all to fifteen hours per week, shall be qualified, on examination and on the recommendation of the faculty, with the concurrence of the Faculty of Arts, to receive the degree of bachelor of arts.

4 Students who shall satisfactorily complete a selection of the courses referred to in section 2, amounting in all to less than

fifteen hours per week (the remaining portion of the prescribed number of hours having been taken under the direction of another faculty), shall, after examination, be entitled, with the concurrence of such other faculty or faculties and with the consent of the President, and with the further consent of the Faculty of Arts, to receive the degree of bachelor of arts.

5 Referring to section 2 of the regulations prescribed by the University Council—

In the Faculty of Philosophy the term “subject” shall be held to mean any one of the following: logic, psychology, ethics, history of philosophy, history of education, science and art of teaching, Greek language and literature, Greek archæology and epigraphy, Latin language and literature, Roman archæology and Latin epigraphy, English language and literature, Anglo-Saxon, Gothic, High German language and literature (including Modern, Middle, and Old), Low German language and literature (including Old Saxon, Frisian, Dutch, and Flemish), Scandinavian language and literature (including Old Norse, Icelandic, Swedish, and Danish), Romance philology, Romance literatures, comparative study of literature (including the philosophy of literature), Sanskrit language and literature (Vedic and Classical), the Iranian languages and literatures, and any two of the following: Hebrew language and literature, Arabic language and literature, Syriac language and literature, Assyrio-Babylonian language and literature, Ethiopic language and literature, Semitic epigraphy.

The selection of subjects made by any candidate for a degree shall be approved by the dean on behalf of the faculty.

6 Immediately on registration each student shall be given a registration book, on which shall be inscribed the name of the student and the date of his enrollment or registration. In this registration book the student shall enter at the beginning of each academic year or session the subjects or titles of the several courses of lectures or seminar work which he proposes to follow. At the opening exercise of every such course, or so soon thereafter as may be possible, the student shall present to the professor or instructor in charge his registration book, in order that such professor or instructor may enter therein his name and the date of the opening of the course. At the close of every such course followed by the student, the professor or instructor in



charge shall again enter in the registration book his name and the date of the closing of the course, if the student has faithfully attended the same and performed all the duties required of him in connection therewith. At the time of filing his application to be examined for the degrees of master of arts and doctor of philosophy, or either of them, every candidate must present to the dean his registration book properly signed and dated, as above prescribed, by the professors or instructors in charge of the several courses which he may have attended, as evidence that he is properly entitled to examination for a degree.

7 Referring to section 4 of the regulations prescribed by the University Council—

Applications to be examined for the degree of master of arts or doctor of philosophy must be made on or before April 1 of the academic year in which the examination is desired.

8 Referring to section 5 of the regulations prescribed by the University Council—

Each candidate for the degree of master of arts must present his essay not later than May 1 of the academic year in which he is to be examined.

9 Referring to section 6 of the regulations prescribed by the University Council—

In the Faculty of Philosophy the power to approve the subjects chosen for his dissertation by any candidate for the degree of doctor of philosophy, as well as the power to approve the dissertation itself, shall be delegated to the professor in charge of the candidate's major subject.

10 Referring to section 7 of the regulations prescribed by the University Council—

Every candidate for the degree of doctor of philosophy shall be required to read at sight Latin, French, and German.

11 In accordance with section 8 of the general regulations regarding the degrees of master of arts and doctor of philosophy, the Faculties of Medicine, Law, and Mines will designate the subjects under the Faculty of Philosophy that may be taken by college graduates, in their respective schools, as part of the extra work required to obtain the degree of master of arts.

## UNIVERSITY FELLOWSHIPS

Twenty-four university fellowships have been established, tenable for one year, with a possibility of reappointment for reasons of weight. Applications for fellowships should be addressed to the President of Columbia College. The following rules regarding the fellowships have been established by the University Council :

1 The application shall be made prior to March 1, in writing, addressed to the President of Columbia College. Applications received later than March 1 may fail of consideration. The term of the fellowship is one year, dating from July 1. Residence should begin October 1.

2 The candidate must give evidence

(a) Of a liberal education, such as a diploma already granted, or about to be received, from a college or scientific school of good repute ;

(b) Of decided fitness for a special line of study, such as an example of some scientific or literary work already performed ;

(c) Of upright character, such as a testimonial from some instructor.

3 The value of each fellowship is five hundred dollars. Payments will be based on the time during which the fellow shall have been in residence. The holder of a fellowship is exempt from the charges for tuition.

4 Every holder of a fellowship will be expected to perform such duties as may be allotted to him in connection with his course of study, which course will be such as to lead to the degree of doctor of philosophy. He will be expected to devote his time to the prosecution of special studies under the direction of the head of the department to which he belongs, and before the close of the academic year to give evidence of progress by the preparation of a thesis, the completion of a research, the delivery of a lecture, or by some other method. He must reside in New York or vicinity during the academic year.

5 No holder of a fellowship shall be permitted to pursue a professional or technical course of study during his term. With the written approval of the President, but not otherwise, he may give instruction or assistance in any department of the university.

6 No fellow shall be allowed to accept remunerative employment except by written permission of the President, and the acceptance of any such employment without such permission shall operate to vacate the fellowship.

7 A fellow may be reappointed at the end of the year for reasons of weight. No fellow may be reappointed for more than two terms of one year each.

8 As these fellowships are awarded as honors, those who are disposed, for the benefit of others or for any other reason, to waive the pecuniary emolument, may do so, and still have their names retained on the list of fellows.

---

## FEES

The annual fee for every candidate for a degree is \$150, payable in two equal instalments in October and February. The fee for students not candidates for a degree is calculated at the rate of \$15 a year for each hour of attendance upon university exercises a week, with a maximum fee of \$150.

The fee for auditors is calculated at the rate of \$20 a year for each hour of attendance upon university exercises a week, with a maximum fee of \$200. Auditors are permitted, at their option, to enroll themselves for a single term only, at one half of the above-mentioned fee.

Holders of university fellowships are exempt from all charges for tuition.

A limited number of students who have been connected with the College for at least one year, and whose academic record and pecuniary circumstances warrant it, may be granted free or reduced tuition by the faculty. Application for free or reduced tuition should be made in writing to the dean.

## COURSES OF STUDY AND RESEARCH FOR 1893-4

## Department of Philosophy and Pedagogy

## Philosophy

Courses A, II, III, VIII, IX, and XIII are open to all university students ; the remaining courses are open to advanced students only

A Logic and psychology, introductory course. M. and W. at 1.30, or Tu. and Th. at 1.30

Dr. HYSLOP

Course A cannot be counted for a degree

\* II Ethics, introductory course. Tu. and Th. at 2.30

Dr. HYSLOP

\* III General history of philosophy. M. and W. at 2.30

Professor BUTLER

\* IV British philosophy from Locke to Herbert Spencer ; Associationist psychology and the philosophy of evolution. M. and W. at 3.30

Professor BUTLER

Given in 1894-5, and each alternate year thereafter

\* V The philosophy of Kant and his successors : Fichte, Schelling, Hegel, Herbart, and Schopenhauer. M. and W. at 3.30

Professor BUTLER

Given in 1893-4, and each alternate year thereafter

\* VI Advanced ethics. M. and W. at 2.30

Dr. HYSLOP

Given in 1894-5, and each alternate year thereafter

\* VII Practical ethics : social reform ; relief work, etc. ; ethics of social questions. M. and W. at 2.30

Dr. HYSLOP

Given in 1893-4, and each alternate year thereafter

\* VIII Contemporary psychologists : lectures and readings from the works of Wundt, Volkman, Münsterberg, Ribot, and James. F. at 4.30, during March, April, and May

Professor BUTLER

\* IX Physiological psychology, introductory course ; lectures and laboratory work. M., W., and F. at 10.30

Professor —



- \* X Physiological psychology, advanced course: lectures and laboratory work. Tu. and Th. at 10.30  
Professor —
  - \* XI Mental pathology; hypnotism; abnormal psychology.  
Th. at 12.30  
Professor —
  - \* XII Philosophical Seminar. Th. at 4.30  
Professor BUTLER
  - \* XIII Experimental psychology, introductory course: lectures, themes, and laboratory work. F., 11.30-1.30  
Professor CATTELL  
Same as Experimental Psychology I
- For additional courses see Department of Experimental Psychology

### Pedagogy

Courses I, II, IV, V, VI, VII, VIII, and IX are open to all university students; the remaining courses are open to advanced students only

- \* I The history of educational theories and institutions; pedagogics. Th. at 3.45  
Professor BUTLER  
Given in 1894-5, and each alternate year thereafter
  - \* II Systematic pedagogics: the psychology of childhood; principles of teaching. Th. at 3.45  
Professor BUTLER  
Given in 1893-4, and each alternate year thereafter
  - \* III Pedagogical Seminar. Weekly  
Professor BUTLER  
Hour to be arranged
- See also French XIV

The following courses are given at the Teachers College, 9 University Place

- IV Educational psychology; study of children. 2 hours weekly  
Professor REIGART
- V Science and art of teaching; with illustrations from the kindergarten and the elementary school; observation. 1 hour weekly  
Professor —
- VI History of education; introductory course. 1 hour weekly  
Professor REIGART

- VII Institutes of education, on a basis of Laurie's Institutes of Education, Rosenkranz's Philosophy of Education, and Herbart's Science of Education. 1 hour weekly  
Professor HERVEY
- VIII Methods of teaching English in secondary schools. 2 hours weekly  
Mr. BAKER  
Second half-year
- IX Methods of teaching history in secondary schools. 2 hours weekly  
Miss SALMON  
First half-year  
For 1893-4, Course IX is open only to students in the Teachers' College and in Barnard College
- X Methods of teaching science in elementary and secondary schools. Not less than 3 hours weekly  
Professor WOODHULL
- XI Methods of teaching manual training in elementary and secondary schools. Not less than 4 hours weekly  
Professor BENNETT
- XII Methods of teaching Latin, Greek, French, and German. 1 hour weekly  
Dr. ARROWSMITH and Dr. STOLLHOFEN
- XIII Reading and discussion of German and French pedagogical works in the original. 2 hours weekly  
Dr. STOLLHOFEN
- XIV Methods of teaching educational psychology ; observation and practice. 2 hours weekly  
Professor REIGART
- XV Practice in teaching and supervision ; criticism ; school management ; discipline. 3 hours weekly

### Department of Experimental Psychology

Course I is open to all university students ; Courses II and III are open to advanced students only

- \* I Experimental psychology, introductory course : lectures, themes, and laboratory work. F., 11.30 to 1.30  
Professor CATTELL

- \* II Vision : lectures, reports, and advanced work in the laboratory. Tu., 11.30 to 1.30  
Professor CATTELL
- \* III Advanced work in experimental psychology : research and individual instruction. Daily  
Professor CATTELL

### Department of Greek

Courses I, II, III, IV, V, VI, VII, IX and X are open to all university students ; Courses VIII, XI, XII, XIII and XIV are open to advanced students only

I Sophocles (Ajax, Antigone) ; Thucydides. M., Tu., and Th.  
at 10.30

Professor PERRY

II Æschylus (Prometheus, Persæ) ; Isocrates (Panegyricus). M.  
and W. at 12.30

Dr. YOUNG

III Lectures on the Greek drama. W. at 10.30

Professor MERRIAM

Courses I, II, and III are Junior courses in the School of Arts, and cannot be counted for a degree

\* IV Pindar, Theocritus, Æschylus, or the Frogs of Aristophanes ;  
Demosthenes (De Corona) or Æschines. M. and W. at  
11.30

Professor MERRIAM

\* V Lectures on the elegiac, iambic, and melic poets, with readings  
from the extant fragments. Th. at 11.30

Professor MERRIAM

\* VI New Testament : Epistles. M. at 9.30

Dr. YOUNG

\* VII New Testament : Gospels and Acts. Tu. at 11.30

Dr. YOUNG

For additional courses in New Testament Greek see below, pp. 27-8

\* VIII The Attic orators and the history of Attic prose style.  
M. at 12.30 and Th. at 10.30

Professor MERRIAM

## Archæology and Epigraphy

- \* IX Lectures on the history of Greek art from the monuments, illustrated by lantern-slides, photographs, and other reproductions. Tu. at 10.30  
Professor MERRIAM  
Course IX is open also to Juniors in the School of Arts
- \* X The topography, mythology, and monuments of ancient Greece, with readings from Pausanias. W. at 9.30  
Professor MERRIAM
- \* XI The dialects of Greece from inscriptions : Cauer's *Delectus*. F. at 11.30  
Professor MERRIAM  
This course will not be given in 1893-4
- \* XII Historical inscriptions and the history of the Attic alphabet : Dittenberger's *Sylloge*, Part I, with practical exercises from a full series of "squeezes" from Attic inscriptions. F. at 11.30  
Professor MERRIAM
- \* XIII Inscriptions relating to forms of government, religion, and private life : Dittenberger's *Sylloge*, Part II. F. at 11.30  
Professor MERRIAM
- \* XIV Archaic inscriptions and the alphabets of Greece, with practical exercises on representative "squeezes." F. at 11.30  
Professor MERRIAM  
A selection will be made for 1893-4 from Courses XII, XIII, and XIV

## Department of Latin

Courses I, II, III, IV, VI, VII, VIII, IX, and XII are open to all university students ; Courses V, X, XI, and XIII are open to advanced students only

- I Satires of Juvenal ; lectures on Roman satire. M. at 11.30 and F. at 10.30  
Dr. EGBERT  
First half-year only
- II The *Andria* and *Phormio* of Terence. T. and W. at 11.30  
Dr. EGBERT  
First half-year only

- III Cicero, *De Officiis* ; lectures on Roman philosophy. M. at 11.30 and F. at 10.30.

Dr. EGBERT

Second half-year only

- IV Lucretius, *De Rerum Natura* ; and Lectures on the Epicurean Philosophy.

Professor PECK

Second half-year only

Courses I, II, III, and IV are Junior courses in the School of Arts, and cannot be counted for a degree

- V The *Cena Trimalchionis* of Petronius. M. and W. at 10.30

Professor PECK

- VI Roman History : the reign of Tiberius. Tacitus, Suetonius, Velleius Paterculus. Reading, and preparation of papers on the institutions of the Early Empire. M. and W. at 1.30

Dr. EGBERT

- VII Plautus (four plays). Tu. and F. at 1.30

Dr. McCREA

- VIII Lectures on the great writers of Roman history : Polybius, Sallust, Livy, Tacitus, Suetonius. Tu. at 12.30

Dr. EGBERT

- \* IX The pseudo-Vergilian poems (*Culex*, *Copa*, *Ciris*, *Moretum*, and *Catalecta*). Tu. at 9.30 and F. at 10.30

Professor PECK

- X Latin Seminar. Subject : the nature of Latin prosody, with exercises in Latin versification. Twice monthly

Professor PECK

- XI Latin epigraphy : inscriptions of the imperial period. Th. at 12.30

Dr. EGBERT

- XII Rapid reading of the whole of Horace. 2 hours weekly

Professor PECK

Hour to be arranged

- XIII Lectures on Latin grammar : phonology and morphology. 2 or 3 hours weekly

Professor PERRY

This course will probably be given in 1894-5, and every third year thereafter

## Department of English

The several courses are open to all university students, except Course IV, which is open to advanced students only

I Laws of prose composition in Modern English. M. and W. at 11.30  
Professor PRICE

II Shakspeare : language, versification, and method of dramatic poetry. W. at 10.30 and F. at 11.30  
Professor PRICE

Courses I and II are open also to Juniors in the School of Arts

\*III Chaucer : language, versification, and method of narrative poetry. Tu. at 12.30 and F. at 10.30  
Professor PRICE

\*IV Anglo-Saxon prose and historical English syntax. Tu. at 11.30 and Th. at 10.30  
Professor PRICE

\*V The Poetry of Tennyson, Browning, and Matthew Arnold. M. and Th. at 12.30  
Professor PRICE

VI Anglo-Saxon language and historical English grammar. T. and Th. at 11.30  
Professor JACKSON

Course VI is open also to Juniors in the School of Arts

\*VII Anglo-Saxon poetry. W. and F. at 11.30  
Professor JACKSON  
First half-year only

\*VIII Early and middle English from the 12th to the 15th century. W. and F. at 11.30  
Professor JACKSON  
Second half-year only

IX English drama, to the closing of the theatres (1640), exclusive of Shakspeare. Tu. and Th. at 12.30  
Professors JACKSON and WOODBERRY  
Course IX will not be given in 1893-4

X Spenser and the Elizabethan poets, exclusive of drama. F. at 10.30  
Professor WOODBERRY  
First half-year only



- XI Milton and the Caroline poets. F. at 10.30  
Professor WOODBERRY  
Second half-year only
- XII 19th century literature. W. and F. at 11.30  
Professor WOODBERRY
- XIII American literature. Tu. and Th. at 1.30  
Professor BRANDER MATTHEWS.
- XIV The art of English versification. W. at 2.30  
Professor BRANDER MATTHEWS

For additional courses see Departments of Literature and Rhetoric

### Department of Literature

Courses I, II, and III are open to all university students ; Course IV only to students who have already taken Course I

- I The history and theory of criticism : Plato, Aristotle, Horace, Quintilian, Sidney, Boileau, Dryden, Lessing, Coleridge.  
W. and F. at 12.30  
Professor WOODBERRY
- II The epochs of the drama : Greek, Latin, Spanish, English, French, German. Tu. and Th. at 2.30  
Professor BRANDER MATTHEWS
- III The history of fiction. W. at 1.30  
Professor BRANDER MATTHEWS
- IV The practice of criticism : a review of the greater works of literature, with specific original inquiries in particular epochs. Conferences and dissertations  
Professor WOODBERRY  
Hour to be arranged

For additional courses by Professor Woodberry and by Professor Brander Matthews, see Department of English

### Department of Rhetoric

Course I is open to all university students

- \*I The function and technic of the epic, the lyric, tragedy, and comedy ; the great prose forms, the history, the novel, etc. Lectures, themes, and practical exercises. Tu. and Th. at 12.30  
Professor QUACKENBOS

Owing to the absence of Professor Quackenbos on leave, this course will not be given in 1893-4

### Department of the Germanic Languages

Courses A, B, I, II, III, IV, V, VI, VII, VIII, IX, and X are open to all university students ; Courses I, II, III, IV, and VII also to Juniors in the School of Arts ; Courses XI and XII to advanced students only. Provision will be made for students desiring to begin German

A German : Whitney's Grammar ; Buchheim's Heine's Prosa ; Riehl's Kulturgeschichtliche Novellen. 3 hours a week  
Mr. BABBITT

B Goethe, Schiller, and Lessing. M. and Th. at 1.30, and Tu. at 9.30  
Professor BOYESEN

Courses A and B cannot be counted for a degree

I Goethe's Faust, first and second parts, with commentary. W. and F. at 9.30  
Professor BOYESEN

II History of German literature : lectures. M. at 9.30 and Tu. at 2.30  
Professor BOYESEN

III Selected historical prose, chiefly from Freytag's Bilder aus der Deutschen Vergangenheit ; reading at sight. M. at 2.30 and W. at 3.30  
Mr. BABBITT

IV History of the German language : lectures. M. and W. at 2.30  
Professor CARPENTER

\*V Icelandic, elementary course : Sweet, Icelandic Primer ; Vigfusson and Powell, Icelandic Prose Reader. M. and W. at 12.30  
Professor CARPENTER

\*VI Gothic : Wright, Primer of the Gothic Language ; Braune, Gothic Grammar ; Bernhardt, Die Gotische Bibel. Tu. and Th. at 12.30  
Professor CARPENTER

VII Middle High German : Wright, Middle High German Primer ; Paul, Mittelhochdeutsche Grammatik ; Weinhold, Mittelhochdeutsches Lesebuch. M. and W. at 3.30  
Professor CARPENTER



- \*VIII Old High German : Wright, Old High German Primer ;  
Braune, Althochdeutsche Grammatik and Althochdeut-  
sches Lesebuch. Tu. and Th. at 3.30  
Professor CARPENTER
- \*IX Germanic mythology : lectures. Th. at 2.30  
Professor CARPENTER  
Second half-year only
- X History of Danish and Norwegian literature. Wed. at 3.30  
Professor BOYESEN
- XI Seminar : critical study of special periods in German litera-  
ture. 1 hour weekly  
Professor BOYESEN  
Hour to be arranged.
- XII Old Norse or Icelandic literature : lectures. M. and  
W. at 2.30  
Professor BOYESEN

## Department of the Romance Languages

### French

- Courses A, B, I, II, III, IV, VI, VII, and XI are open to all university students ; Courses V, VIII, IX, X, XII, XIII, and XIV, to advanced students only. Provision will be made also for students who wish to begin French, which will enable them to join Course A at the beginning of the second half-year
- A French, second-year course. 3 hours a week  
Mr. LOISEAUX
- B French, third-year course. 3 hours a week  
Dr. WOODWARD
- I French rhetoric. M., W., and F. at 2.30  
Professor COHN and Mr. LOISEAUX  
Courses A, B and I cannot be counted for a degree
- II French literature in the 17th century. M., W., and F. at 9.30  
Professor COHN
- \* III French literature in the 18th century. M., W., and F. at  
1.30  
Professor COHN
- \* IV Victor Hugo and the Romantic movement. Tu. at 11.30  
Professor COHN

- \* V Literary criticism in France, especially Sainte-Beuve. Th.  
at 3.30  
Professor COHN
- VI French dramatists of the 19th century  
Professor BRANDER MATTHEWS  
This course will not be given in 1893-4
- \* VII Writers of the 16th century, especially Montaigne. Th. at  
1.30  
Mr. LOISEAUX
- \* VIII The French chroniclers of the middle ages : Villehardouin,  
Joinville, Froissart, etc. Tu. at 10.30  
Dr. WOODWARD
- \* IX The Trouvère Wace and the Roman de Rou. Tu. at 12.30  
Dr. WOODWARD
- \* X The Arthurian legends in French literature. M. at 3.30  
Professor COHN
- \* XI The Chanson de Roland and the Carolingian Epics. W. at  
3.30  
Professor COHN
- \* XII The elements of Romance philology. Th. at 2.30  
Professor COHN
- \* XIII The French element in the English language. F. at 12.30  
Dr. WOODWARD
- XIV Methods of teaching French. Tu. and Th. at 9.30  
Professor COHN
- XV Seminar : special topics in French literature and philology.  
Two hours a week  
Professor COHN

Once a week a lecture will be given in French by one of the instructors in the Department. The name of the lecturer and the subject will be announced one week in advance. These lectures will be open to all the members of the university, and to auditors.

Two optional courses in French conversation, each of one hour weekly, will be offered in 1893-4, one to beginners and one to advanced students. The hours for these courses will be arranged hereafter

### Provençal

Provision will be made for the study of Provençal

## Italian

Courses I, II, and III are open to all university students ; Course IV to advanced students only

I Italian, first-year course. M., W., and F. at 2.30

Mr. SPERANZA

Course I cannot be counted for a degree

II Composition. Prose and poetry of the 16th century : Machiavelli, Ariosto, Tasso. Modern prose and poetry. M., W., and F. at 9.30

Mr. SPERANZA

III Composition. Prose and poetry of the 14th century : Dino Compagni, Boccaccio, Franco Sacchetti ; Dante's Rime and Vita Nuova ; modern prose and poetry. M., W., and F. at 3.30

Mr. SPERANZA

\* IV Critical study of the Divina Commedia. Tu. and Th. at 9.30

Mr. SPERANZA

\* V The Divina Commedia continued. 2 hours weekly

Mr. SPERANZA

Course V will be omitted in 1893-4, but given in 1894-5

## Spanish

Courses I, II, and III are open to all university students ; Course IV to advanced students only

I Spanish, first-year course. Tu., Th., and F at 9.30

Mr. —

Course I cannot be counted for a degree

II Composition ; modern prose and poetry ; literature of the golden age : Don Quijote. M., W., and F. at 2.30

Mr. —

III Composition ; literature of the Golden Age : Lope de Vega, J. R. de Alarcon, Calderon ; modern prose and poetry. M., W., and F. at 3.30

Mr. —

\* IV Spanish mediæval poetry, especially in reference to the "Cid." Tu. and Th. at 1.30

Mr. —

### Department of Sanskrit

Courses I and IV are open to all university students ; Courses II and III to advanced students only

- \* I Sanskrit, elementary course : Perry, Sanskrit Primer ; Whitney, Sanskrit Grammar ; Lanman, Sanskrit Reader ; Lectures. Tu. and F. at 9.30  
Professors JACKSON and PERRY
- \* II Sanskrit, advanced course. First half-year : Introduction to the study of the Veda ; Lanman's Reader, Hillebrandt's Veda-Chrestomathie, Windisch's Zwölf Hymnen des Rig-Veda. Second half-year : Same subject continued, or Kālidāsa's Meghadūta, or Böhrtlingk's Sanskrit-Chrestomathie. M. and Th. at 9.30  
Professor PERRY
- \* III Pālī, Elementary course. W. at 9.30  
Professor PERRY  
First half-year only  
Possibly Course III may be continued throughout the year
- \* IV Introduction to the study of phonetics. W. at 9.30  
Professor PERRY  
Second half-year only. An additional hour weekly may be given

### Department of the Semitic Languages

Courses I, II, III, IV, VI, VII, and X are open to all university students ;  
Courses V, VIII, IX, and XI to advanced students only

#### Hebrew

- \* I Biblical Hebrew, elementary course : Harper's Hebrew Method and Manual ; Harper's Elements of Hebrew. M. and W. at 4.30  
Professor GOTTHEIL
- \* II Biblical Hebrew, second course : critical study of the Book of Job, in connection with Gesenius's Hebräische Grammatik (25th Ed.) and Driver's Hebrew Tenses (3d ed.). M. and Th. at 3.30  
Professor GOTTHEIL

For other courses in Biblical Hebrew see below, pp. 28-9

- \* III Rabbinical Hebrew : interpretation of selected treatises of the Mishna. Tu., 4.30 to 6.  
Professor GOTTHEIL
- \* IV Rabbinical Hebrew ; mediæval Hebrew philosophy. During first half-year : interpretation of the *Emunoth Wedēōth* of Saadyah ; during the second half-year : interpretation of portions of the *Moreh Nebhuchim* of Maimonides. W., 4.30 to 6  
Professor GOTTHEIL

### Epigraphy

- \* V Semitic epigraphy, introductory course : interpretation of the Phœnician inscriptions in the *Corpus Inscriptionum Semiticarum*, Vol. I. M. at 1.30  
Professor GOTTHEIL

For other courses in Semitic epigraphy see below, pp. 28-9

### Assyrian

- \* VI Assyrian, first course: Abel und Winckler, *Keilschrifttexte zum Gebrauch bei Vorlesungen*. Tu. and Th. at 2.30  
Professor GOTTHEIL

For other courses in Assyrian, see below, pp. 28-9

### Arabic

- \* VII Arabic, first course : Socin's Arabic Grammar, with exercises in translating Arabic into English and English into Arabic. Tu., W., and Fr. at 3.30, during the first half-year. Tu. at 3.30 during the second half-year  
Professor GOTTHEIL
- \* VIII Arabic, second course : Arnold's *Chrestomathia Arabica*. W., 2 to 3.30  
Professor GOTTHEIL
- \* IX Arabic, third course. First half-year : interpretation of the Qur'an in connection with the commentary of Beidhawi ; second half-year : interpretation of Nöldeke's *Delectus Veterum Carminum Arabicorum*. Th., 2 to 3.30  
Professor GOTTHEIL

## Syriac

- \* X Syriac, second course : interpretation of Hoffmann's *Julianos der Abtrünnige*, or Cureton's *Spicilegium Syriacum*. Tu. and F. at 1.30

Professor GOTTHEIL

For elementary course in Syriac, and for Aramaic, see below, pp. 28-9

## Semitic Seminar

- XI Seminar : the Egyptian dialect of modern Arabic, in connection with Spitta's *Grammatik des Arabischen Vulgärdialektes von Ägypten*, and *Contes Arabes Modernes*. Th. evening at 8

## Department of the Iranian Languages

Courses I, III, and IV are open to all university students ; Courses II and V to advanced students only

- I Avesta, elementary course : grammar and reading of texts ; Jackson's *Avesta Grammar*, Part 1. W. and F. at 12.30  
Professors PERRY and JACKSON

- II Avesta, advanced course : study of the grammar ; interpretation of texts ; antiquities and literature. M. at 12.30 and W. at 2.30

Professor JACKSON

- III Old Persian inscriptions. Th. at 1.30

Professor JACKSON

First half-year only

- IV Pahlavi, introductory course. Th. at 1.30

Professor JACKSON

Second half-year only

- V Zoroaster and his teaching. M. at 11.30

Professor JACKSON

## Study of Language

- I Introduction to the study of language. M. and W. at 10.30

Professor JACKSON

Course I is open to all university students, and to Juniors in the School of Arts

By agreement between Professors Carpenter, Gottheil, Jackson, and



Perry, a course of two hours weekly, consisting of lectures and exercises, will be offered in each year under the foregoing title. This course is designed to serve as a preparation for advanced studies in any field of linguistic research, and will, it is believed, prove of great value to all university students who look forward to such investigations. It will be the object of the instructor to illustrate, from the points of view of the psychologist and of the phonetician respectively, the conditions of the existence of language, both as a psychical and as a physical product, and the laws which regulate its differentiation, decay, and growth. The course will be taken with most profit by those who have had a good preliminary training in psychology and in the elements of phonetics.

In 1894-5 this course will probably be conducted by Professor Perry, in 1895-6 by Professor Gottheil

### Lectures on Oriental Subjects

Several courses of lectures, open to all university students and to auditors, will be given on Mondays at 4.30 during the greater part of the academic year, upon special subjects connected with the literature, religion, and archæology of Oriental nations. Special announcement of the lecturers and subjects will be made in a circular to be issued hereafter by the several Departments of Oriental Languages

### COURSES AT THE UNION THEOLOGICAL SEMINARY

The following courses (possibly subject to some modification), to be given in 1893-4 at the Union Theological Seminary, 700 Park Avenue, are open to university students in Columbia College :

#### I—New Testament Greek

I—October to December, 1893

- I Grammar of New Testament Greek, with readings in the Gospels of Matthew and Mark. M. at 11.35 and W. at 10.30  
Professor VINCENT
- II Gospel of Mark, with exegesis. Th. at 11.35 and F. at 10.30  
Professor VINCENT
- III Gospel of John, with exegesis. M. at 10.30 and F. at 9.25  
Professor VINCENT

## II—January to April, 1894

- V Grammar of New Testament Greek, continued, with readings in Luke and Acts. M. at 10.30  
Professor VINCENT
- V Gospel of Luke, with exegesis. W. at 10.30  
Professor VINCENT
- VI Pauline Epistles (Corinthians, Galatians, or Epistles of the Imprisonment), with exegesis. M. and F. at 11.35  
Professor VINCENT
- VII Epistle to the Romans, with exegesis. Tu. at 11.35 and W. at 9.25 \*  
Professor VINCENT
- VIII Historical and critical introduction to the New Testament  
F. at 10.30  
Professor VINCENT

## II—Semitic Languages

## I—October to December, 1893

- I Biblical Hebrew, elementary course: Davidson, Introductory Hebrew Grammar. M., Tu., W., Th., and F. at 9.25  
Mr. FAGNANI
- II Biblical Hebrew: the Book of Nehemiah. Tu. and W. at 9.25  
Professor F. BROWN
- III Biblical Hebrew: the Psalms, with exegesis. M. and F. at 11.35  
Professor F. BROWN
- IV Biblical Hebrew: Isaiah i.-xii. Th. and F. at 10.30  
Professor F. BROWN
- V<sub>1</sub> Biblical Hebrew: unpointed text of Genesis (text of Mühlau and Kautzsch), followed by Mesha-inscription (see Course VI). Th. at 9.25 (until Nov. 9)  
Professor F. BROWN
- VI Semitic epigraphy: Mesha-inscription (see Course V). Th. at 9.25 (after Nov. 9)  
Professor F. BROWN



- VII Syriac, elementary course : Nestle, Syriac Grammar ;  
Roediger, Chrestomathie. Tu. at 2.30  
Professor F. BROWN
- VIII Assyrian, second course : Delitzsch, Lesestücke ; selected  
inscriptions, tablets, syllabaries, etc. Th. at 2.30  
Professor F. BROWN

### II—January to April, 1894

- IX Biblical Hebrew : sight-reading of pure Hebrew. M. at 9.25  
Mr. FAGNANI
- X Biblical Hebrew : selections from the Pentateuch, with  
exegesis. Tu. and W. at 9.25  
Mr. FAGNANI
- XI Biblical Hebrew : analysis of the Hexateuch. Tu. and W.  
at 9.25  
Professor F. BROWN
- XII Biblical Hebrew : Books of Kings, with comparison of  
Assyrian and Babylonian history. Th. and F. at 9.25  
Professor F. BROWN
- XIII Biblical Hebrew : selections from Hebrew poetry of dif-  
ferent periods (e.g. Deut. xxxii, Judges v, Job, Proverbs,  
Eccles., Song of Songs). Th. and F. at 10.30  
Professor F. BROWN
- XIV Biblical literature : lectures on the canon, text and litera-  
ture of the Old Testament. M. at 10.30 and Tu. at 11.35  
Professor BRIGGS
- XV Biblical Aramaic : Dan. ii. 4—vii. 28 (text of Baer and  
Delitzsch) ; Kautzsch, Grammatik des Biblisch-Aramäi-  
schen. Th. at 2.30  
Mr. FAGNANI
- XVI Syriac, continued (see Course VII). Tu. at 2.30  
Professor F. BROWN
- XVII Assyrian, continued (see Course VIII). Th. at 5  
Professor F. BROWN

### III—Church History

#### I—October to December, 1893

- I Ante-Nicene period : A.D. 100—311. Tu. and Th. at 9.25  
Mr. WM. ADAMS BROWN

- II Modern Christianity : A.D. 1500 to present time. M. at  
11.30 and W. at 9.25

Lecturer to be announced hereafter

II—January to April, 1894

- III Apostolic Age : Founding of Christianity. Th. and F. at  
11.30

Lecturer to be announced hereafter

- IV Nicene and post-Nicene periods : A.D. 311-1500. Tu. and  
Th. at 9.25

Mr. WM. ADAMS BROWN

- V History of creeds. Th. at 11.30 and F. at 9.25

Lecturer to be announced hereafter

The President.....Daily 10 to 11, President's House.  
The Dean..Monday and Wednesday at 2 ; Thursday and Friday  
at 3, Room 46, Hamilton Hall  
Professor Drisler.....Daily, except Saturday, 10 to 1,  
Dean's Office, School of Arts  
Professor Merriam.Wednesday at 12.30, Room 13, Hamilton Hall  
Professor Price.....Monday at 1, Room 42, Hamilton Hall  
Professor Boyesen....Monday at 3.30, Room 48, Hamilton Hall  
Professor Peck.....Friday at 12, Room 20, Hamilton Hall  
Professor Carpenter....Friday at 11, Room 7, 54 East 49th st.  
Professor Gottheil.....Friday at 2.30, Room 6, 54 East 49th st.  
Professor Cattell....Friday at 1.30, Psychological Laboratory,  
President's House  
Professor Perry.....Tuesday at 12, Room 16, Hamilton Hall  
Professor Jackson..Tuesday at 10.30, Room 12, 54 East 49th st.  
Professor Cohn.....Monday and Tuesday at 10.30,  
Room 9, 52 East 49th st.  
Professor Woodberry.....Wednesday at 1.30,  
Room 34, Hamilton Hall  
Professor Brander Matthews....Tuesday at 3.30,  
Room 42, Hamilton Hall  
Dr. Hyslop.....Thursday at 1, Room 46, Hamilton Hall  
Mr. Speranza.....Monday at 2.30, Room 7, 52 East 49th st.  
Dr. Woodward.....Friday at 11, Room 10, 52 East 49th st.  
Dr. Egbert.....Friday at 12.30, Room 24, Hamilton Hall  
Dr. McCrea.....Thursday at 11, Room 22, Hamilton Hall  
Dr. Young.....Tuesday at 12.30, Room 14, Hamilton Hall

## REGISTER OF STUDENTS, 1892-3

NAME	RESIDENCE	CITY ADDRESS
Albert Jacob Alexander	<i>Cincinnati, O.</i>	53 West 47th st.
University of Cincinnati, A.B., 1886; A.M., 1887; LL.B., 1888.		
Edward Albert Alexander	<i>New York City</i>	147 East 62d st.
College of the City of New York, B.S., 1892.		
George Amerman	<i>New York City</i>	Murray Hill Hotel
Yale University, A.B., 1890; Ph.D., 1892.		
Robert Archibald Ashworth	<i>New York City</i>	333 West 14th st.
Columbia College, A.B., 1892. University Fellow in English.		
De Witt Bailey	<i>Brooklyn, N. Y.</i>	(102 Wilson st.)
Brooklyn Polytechnic Institute, A.B., 1891; Columbia College, A.M., 1892.		
Annie Leland Barber	<i>New York City</i>	715 Fifth ave.
Harvard University, A.B., cert., 1889. Columbia College, A.M., 1891. Student in Barnard College.		
Elizabeth Cynthia Barney	<i>New York City</i>	21 West 32d st.
Columbia College, A.B., 1891. Student in Barnard College.		
George Louis Beer	<i>New York City</i>	38 Manhattan sq.
Columbia College, A.B., 1892.		
Joseph Frederic Berg	<i>New Brunswick, N. J.</i>	
Rutgers College, A.B., 1892.		
George Bergen	<i>New York City</i>	1420 Third ave.
Washburn College, Kansas, A.B., 1887.		
Jacob Cornelius Bergman	<i>New York City</i>	Union Theological Seminary
Divinity School, Yale University, 2 years.		
Ludwig Bernstein	<i>New York City</i>	64 Rutgers slip
Gymnasium, Mitau, Russia, Zeugnis der Reife, 1891.		
Cortlandt Field Bishop	<i>New York City</i>	13 Madison ave.
Columbia College, A.B., 1891; A.M., 1892.		
Samuel Henry Bishop	<i>New York City</i>	1133 Madison ave.
University of Vermont, A.B., 1886.		
Adolph Bloch	<i>New York City</i>	522 East 82d st.
College of the City of New York, 3 years.		
Randolph Bolles	<i>Englewood, N. J.</i>	
Columbia College, Ph.B., 1892.		
Francis Burke Brandt	<i>New York City</i>	439 Lexington ave.
Harvard University, A.B., 1892.		

NAME	RESIDENCE	CITY ADDRESS
Edward Steele Brownson, Jr. Columbia College, A.B., 1892.	<i>Brooklyn, N. Y.</i>	(49 Garden pl.)
Henry Jagoe Burchell, Jr. Columbia College, A.B., 1892. University Fellow in Latin.	<i>New York City</i>	38 East 53d st.
Stephen Tracy Byington University of Vermont, A.B., 1891.	<i>New York City</i>	Union Theological Seminary
Thurston Walker Challen Rutgers College, B.S., 1888.	<i>New Brunswick, N. J.</i>	General Theological Seminary
Alfred Arthur Cook College of the City of New York, B.S., 1892.	<i>New York City</i>	152 East 71st st.
Frederic Taber Cooper Harvard University, A.B., 1886; Columbia College, LL.B., 1887; A.M., 1891.	<i>New York City</i>	206 West 133d st.
Alexander Griswold Cummins, Jr. Swarthmore College, A.B., 1889.	<i>New York City</i>	General Theological Seminary
James Gideon Ditmars Denison University, Ohio, A.B., 1882.	<i>Brooklyn, N. Y.</i>	(268 Rutledge st.)
Archibald Douglass Columbia College, School of Mines, 2 years.	<i>Tarrytown, N. Y.</i>	
Allison Emery Drake St. Francis Xavier College, Cincinnati, A.B., 1886; A.M., 1887; University of the City of New York, Ph.D., 1890.	<i>New York City</i>	328 West 145th st.
Joseph Alexander Dunn Hiwassee College, Tenn., 2 years. Columbia College, 2 years.	<i>New York City</i>	51 West 42d st.
William Julius Eckoff University of the City of New York, Ph.D., 1891.	<i>Jersey City, N. J.</i>	(245 Henderson st.)
Augustine Elmendorf Columbia College, A.B., 1892.	<i>New York City</i>	116 East 70th st.
Charles Prosper Fagnani College of the City of New York, A.B., 1873; Columbia College, LL.B., 1875.	<i>New York City</i>	105 East 82d st.
James Everett Frame Harvard University, A.B., 1891; A.M., 1892.	<i>Boston, Mass.</i>	Union Theological Seminary
Lewis Herbert Freedman College of the City of New York, A.B., 1892.	<i>New York City</i>	120 West 125th st.
John Haskell Freeman Beliot College, A.B., 1889.	<i>New York City</i>	50 East 70th st.
Errett Gates Ohio Normal University, A.B., 1887.	<i>Toledo, O.</i>	Union Theological Seminary.
Alexander Henry Geismar University of Cincinnati, B.L., 1882.	<i>Brooklyn, N. Y.</i>	(358 4th st.)
Harold Griffing Columbia College, A.B., 1890. University Fellow in Philosophy.	<i>New York City</i>	Columbia College
Jesse Charles Hazzard Rutgers College, A.B., 1892.	<i>New Brunswick, N. J.</i>	
James Robert Henry Shumach College, Georgia, A.B., 1884.	<i>Nashville, Tenn.</i>	Union Theological Seminary

NAME	RESIDENCE	CITY ADDRESS
Emanuel Hertz College of the City of New York, A.B., 1889.	<i>New York City</i>	449 East 80th st.
Joseph Herman Hertz College of the City of New York, A.B., 1891.	<i>New York City</i>	449 East 80th st.
Judah Joffe Gymnasium, Yekaterinoslav, Russia, Zeugnis der Reife, 1891.	<i>New York City</i>	166 Henry st.
Robert Julius Lau Union Seminary, New Berlin, Pa., 2 years.	<i>New York City</i>	312 West 36th st.
Edward Jehoiachim Lloyd Wabash College, A.B., 1890.	<i>New York City</i>	Union Theological Seminary
Ernest Edward Lorillard Private tutors.	<i>Westchester, N. Y.</i>	29 East 28th st.
Sherman Harrison Marcy Colgate University, Ph.B., 1888.	<i>New York City</i>	Union Theological Seminary
William Henry Meldrum St. Stephen's College, A.B., 1890.	<i>New York City</i>	General Theological Seminary
Frederick Spear Mendenhall Ohio Wesleyan University, A.B., 1889.	<i>New York City</i>	150 Fifth ave. University of Oxford, 1 year.
Alfred Bernard Moldenke Columbia College, A.B., 1891.	<i>New York City</i>	124 East 46th st.
Lorenzo Newton Montgomery Cumberland University, Tenn., A.B., 1888.	<i>New York City</i>	Union Theological Seminary
Louis Freeman Mott College of the City of New York, B.S., 1883; M.S., 1886.	<i>New York City</i>	17 Lexington ave.
Christopher Noss Franklin and Marshall College, A.B., 1888.	<i>New York City</i>	Union Theological Seminary
Toshiyuki Okamoto Meiji Gakuin, Tokio, 1891.	<i>New York City</i>	50 East 70th st.
Nathan Ottinger College of the City of New York, B.S., 1892.	<i>New York City</i>	110 East 61st st.
Edward Ormonde Power College of the City of New York, 1 year.	<i>New York City</i>	114 West 126th st.
James Dennison Rogers Hamilton College, A.B., 1889.	<i>Boonville, N. Y.</i>	328 West 145th st. University Fellow in Greek.
William Arnold Rosewig Ohio Wesleyan University, A.B., 1892.	<i>New York City</i>	Union Theological Seminary
Richard Edward Rowe Brooklyn Polytechnic Institute, 4 years.	<i>Brooklyn, N. Y.</i>	(529 Franklin ave.)
Stuart Henry Rowe Yale University, A.B., 1890.	<i>New York City</i>	111 West 47th st. University Fellow in Pedagogy.
Raymond Rubenstein College of the City of New York, A.B., 1892.	<i>New York City</i>	57 East Broadway
Jacob Segall University of Munich, 1889-90.	<i>New York City</i>	58 East Broadway University Fellow in Romance Languages.
James Burgess Sill Columbia College, A.B., 1892.	<i>New York City</i>	204 West 39th st.



NAME	RESIDENCE	CITY ADDRESS
Daniel Stecker	<i>New York City</i>	Union Theological Seminary Ohio Wesleyan University, A.B., 1890.
Benjamin Horace Stern	<i>New York City</i>	133 East 80th st. University of the City of New York, 1½ years.
Maurice Thorner	<i>New York City</i>	288 East Houston st. College of the City of New York, A.B., 1892.
Clarence Walton Vail	<i>Brooklyn, N. Y.</i>	(173 Congress st.) Columbia College, A.B., 1892. University Fellow in German.
John Hall Van Vorst	<i>Nyack, N. Y.</i>	Packard's Business College, 3 years.
Thomas Walsh	<i>Brooklyn, N. Y.</i>	(114 First pl.) Georgetown College, Ph.B., 1892.
Max West	<i>New York City</i>	138 West 46th st. University of Minnesota, B.S., 1890. University Fellow in Political Science.
Selden Lincoln Whitcomb	<i>Grinnell, Ia.</i>	308 West 51st st. Iowa College, A.B., 1887.
Joseph Center Wight	<i>Brooklyn, N. Y.</i>	(30 Schermerhorn st.) Columbia College, A.B., 1892.
Stephen Seymour Wise	<i>New York City</i>	119 East 65th st. Columbia College, A.B., 1892.
Asa Wynkoop	<i>New York City</i>	117 West 87th st. Rutgers College, A.B., 1887. University Fellow in Philosophy.
Total.....		73

MEMBERS OF THE SENIOR CLASS IN THE SCHOOL  
OF ARTS, PURSUING COURSES OF INSTRUCTION  
UNDER THE UNIVERSITY FACULTY OF PHI-  
LOSOPHY FOR THE DEGREE OF A.B.

NAME	RESIDENCE	CITY ADDRESS
Floyd Appleton	<i>New York City</i>	Fordham Heights
Henry Watterson Bainton	<i>New York City</i>	31 West 65th st.
William Henry Bawden	<i>New York City</i>	115 West 78th st.
Abraham Bijur	<i>New York City</i>	46 East 73d st.
Joseph Bijur	<i>New York City</i>	41 West 53d st.
Middleton Smith Borland	<i>Bayonne, N. J.</i>	35 Broadway.
Charles Chisholm Brainerd	<i>Brooklyn, N. Y.</i>	(210 Penn st.)
William Ross Brinckerhoff	<i>New York City</i>	63 East 79th st.
John Francis Carew	<i>New York City</i>	225 East 58th st.
Sidney Bernhard Cohn	<i>New York City</i>	12 East 75th st.
Howard Martin Cook	<i>Bayonne, N. J.</i>	29 East 28th st.
Peter Grant Cornell	<i>New York City</i>	26 West 49th st.
James Edward Davis	<i>New York City</i>	26 West 51st st.
William Ballou Donnell	<i>New York City</i>	330 West 56th st.

NAME	RESIDENCE	CITY ADDRESS
Appleton Grannis	<i>East Orange, N. J.</i>	264 Fifth ave.
Roland Palmer Gray	<i>New York City</i>	122 East 83d st.
Chauncy Boyd Griffiths	<i>Newark, N. J.</i>	(352 Halsey st.)
Willett Nicoll Hawkins, Jr.	<i>New Brighton, S. I.</i>	(52 Lafayette ave.)
George Charles Hayes	<i>Boonville, N. Y.</i>	12 East 47th st.
Clarence Angelo Hellman	<i>New York City</i>	106 West 73d st.
William Addison Hervey	<i>Rossville, S. I.</i>	223 West 45th st.
Rockland Tyng Homans	<i>New York City</i>	155 East 74th st.
Herbert Müller Hopkins	<i>Toledo, O.</i>	60 East 49th st.
Frederick Kaufman	<i>New York City</i>	11 East 66th st.
Stephen Henry Keating	<i>New York City</i>	19 Prospect pl.
Harvey Roberts Kingsley	<i>Rutland, Vt.</i>	588 Fifth ave.
Wilfred Lay	<i>New Rochelle, N. Y.</i>	
Leffert Lefferts	<i>Flatbush, N. Y.</i>	
Caspar Levias	<i>New York City</i>	409 East 51st st.
Edward Peale MacMullen	<i>New York City</i>	521 West 161st st.
Leonard Beecher McWhood	<i>Newark, N. J.</i>	(136 Pennsylvania ave.)
Walter Taylor Marvin	<i>New York City</i>	2099 Fifth ave.
Walter Herbert Merrill	<i>New York City</i>	129 West 72d st.
George Lawrence Myers	<i>New York City</i>	21 West 46th st.
Walter Scott Newhouse	<i>New York City</i>	46 West 73d st.
George N. Olcott	<i>Brooklyn, N. Y.</i>	(38 Grace court)
Thomas Pollock Peters	<i>Brooklyn, N. Y.</i>	(83 Lee ave.)
Hamilton Bancker Phelps	<i>Williamsbridge, N. Y.</i>	
Charles Louis Pollard	<i>New York City</i>	20 West 10th st.
Frank Temple Reamer	<i>New York City</i>	341 Lexington ave.
John Lovett Rile, Jr.	<i>Brooklyn, N. Y.</i>	(821 Marcy ave.)
Edward Grundy Rotter	<i>New York City</i>	347 West 45th st.
Sandford Louis Rotter	<i>New York City</i>	347 West 45th st.
William Robert Shepherd	<i>Brooklyn, N. Y.</i>	(325 Macon st.)
Henry Speaker	<i>New York City</i>	216 East 82d st.
Louis Victor Southack	<i>New York City</i>	444 Madison ave.
Andrew Varick Stout	<i>New York City</i>	35 East 67th st.
Starr Taintor	<i>New York City</i>	230 West 59th st.
Albert Payson Terhune	<i>Brooklyn, N. Y.</i>	(479 Greene ave.)
Samuel George Fitzhugh Townsend	<i>New York City</i>	131 Fifth ave.
Sidney Hubbell Treat	<i>New York City</i>	171 West 97th st.
Frederic Edgar Underhill	<i>New York City</i>	170 West 76th st.
Herbert Treadwell Wade	<i>New York City</i>	149 East 46th st.
William Bell Wait, Jr.	<i>New York City</i>	412 Ninth ave.
Dana Clemmer Wells	<i>Brooklyn, N. Y.</i>	(109 Willow st.)
William Peck Whyland	<i>New York City</i>	54 West 50th st.
Louis William Wormser	<i>New York City</i>	836 Fifth ave.

Total.....57

Grand total enrolled under the University Faculty of Philosophy, 130

## SUMMARY OF GRADUATE STUDENTS, 1892-3

Columbia College.....	17
College of the City of New York.....	11
Harvard University.....	5
Rutgers College.....	4
Ohio Wesleyan University.....	3
St. Francis Xavier College, Cincinnati. . . . .	2
University of Cincinnati.....	2
University of the City of New York.....	2
University of Vermont.....	2
Yale University.....	2
Russian Gymnasia.....	2
Beloit College.....	1
Brooklyn Polytechnic Institute.....	1
Colgate University.....	1
Cumberland University.....	1
Denison University.....	1
Franklin and Marshall College.....	1
Georgetown College.....	1
Hamilton College.....	1
Hiwassee College.....	1
Iowa College.....	1
Japanese College.....	1
Ohio Normal University.....	1
Shumach College.....	1
St. Stephen's College.....	1
Swarthmore College.....	1
University of Minnesota.....	1
University of Munich.....	1
Wabash College.....	1
Washburn College, Kansas.....	1

---

Total.....71

## DEGREES HELD BY GRADUATE STUDENTS, 1892-3

Bachelor of Arts.....	48
Bachelor of Philosophy.....	2
Bachelor of Science.....	6
Bachelor of Letters.....	1
Bachelor of Laws.....	3
Zeugniss der Reife.....	2
Certificates of University residence elsewhere.....	3
Master of Arts.....	6
Master of Science.....	1
Doctor of Philosophy.....	2
Doctor of Pedagogy.....	1

---

75

Deduct for students holding more than one degree.....11

---

64

TABULAR VIEW OF PROPOSED LECTURES—1893-4

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9 $\frac{1}{2}$ -10 $\frac{1}{2}$	Greek VI German II French II Italian II Sanskrit II	Latin IX French XIV Italian IV Spanish I Sanskrit I	Greek X German I French II Italian II Sanskrit III, IV	French XIV Italian IV Spanish I Sanskrit II	German I French II Italian II Spanish I Sanskrit I
10 $\frac{1}{2}$ -11 $\frac{1}{2}$	Philosophy IX Latin V Language I	Philosophy X Greek IX French VIII	Philosophy IX Latin V English II Language I	Philosophy X Greek VIII English IV	Philosophy IX Latin IX English III, X, XI
11 $\frac{1}{2}$ -12 $\frac{1}{2}$	Greek IV English I French III Iranian V	Exp. Psych. II Greek VII English IV, VI German X French IV	Greek IV English I, VII, VIII, XII	Greek V English VI French XV	Exp. Psych. I Greek XII English II, VII, VIII, XII French III
12 $\frac{1}{2}$ -1 $\frac{1}{2}$	Greek VIII English V German V Iranian II	Exp. Psych. II Latin VIII English III, IX German VI French IX.	Literature I German V Iranian I	Philosophy XI Latin XI English V, IX Rhetoric I German VI	Exp. Psych. I Literature I French XIII Spanish II Iranian I

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1½-2½	Latin VI German III French III Semitic V	Latin VII English XIII Spanish IV Semitic X	Latin VI Literature III French III Semitic VIII	English XIII French VII Spanish IV Semitic IX Iranian III, IV	Latin VII French III Semitic X
2½-3½	Philosophy III, VII German III, IV, XII French I Italian I Spanish II	Philosophy II Literature II German II Italian I Semitic VI	Philosophy III, VII English XIV German IV, XII French I Italian I Spanish II Iranian II Semitic VIII	Philosophy II Literature II German IX French XII Semitic VI, IX	French I
3½-4½	Philosophy V German VII French X Italian III Spanish III Semitic I	German VIII Semitic VII	Philosophy V German III, VII, X French XI Italian III Spanish III Semitic VII	Pedagogy II German VIII French V Semitic II	Italian III Spanish III
4½-5½	Semitic I	Semitic III	Semitic I, IV	Philosophy XII	Philosophy VIII
5½-6½		Semitic III	Semitic IV		

## ACADEMIC CALENDAR

- 
- 1893—Feb. 9—Second session begins, Thursday  
 Feb. 15—Ash-Wednesday, holiday  
 Feb. 22—Washington's birthday, Wednesday, holiday  
 March 31—Good-Friday, holiday  
 May 22—Concluding examinations begin, Monday  
 May 30—Memorial day, Tuesday, holiday  
 June 14—Commencement day, Wednesday  
 Sept. 27—Matriculation and registration of students begin, Wednesday  
 Oct. 2—Academic year begins, Monday  
 Nov. 14—Election day, Tuesday, holiday  
 Nov. 30—Thanksgiving day, Thursday, holiday  
 Dec. 23—Christmas recess begins, Saturday
- 1894—Jan. 6—Christmas recess ends, Saturday  
 Feb. 10—First session ends, Saturday  
 Feb. 12—Second session begins, Monday  
 Feb. 7—Ash-Wednesday, holiday  
 Feb. 22—Washington's birthday, Thursday, holiday  
 March 23—Good-Friday, holiday  
 May 21—Concluding examinations begin, Monday  
 May 30—Memorial day, Wednesday, holiday  
 June 13—Commencement day, Wednesday  
 Sept. 26—Matriculation and registration of students begin, Wednesday  
 Oct. 1—Academic year begins, Monday







C  
72u Zph  
1894

LIBRARY  
OF THE  
UNIVERSITY of ILLINOIS.



Columbia College  
in the City of New York

UNIVERSITY FACULTY OF  
PHILOSOPHY

DEPARTMENT OF PHILOSOPHY AND  
EDUCATION

ANNOUNCEMENT

FOR

1894

## Officers of the Department

NICHOLAS MURRAY BUTLER . . . . . *Philosophy and Education*

A.B., Columbia College, 1882; A.M., 1883, and Ph.D., 1884; university fellow in philosophy, 1882-85; student at the Universities of Berlin and Paris, 1884-85; assistant in philosophy, Columbia College, 1885-86; tutor, 1886-89, and adjunct professor, 1889-90; professor of philosophy, ethics, and psychology, and lecturer on the history and institutes of education, 1890-; president of the New York College for the Training of Teachers, 1887-91; member of the American Psychological Association and of the National Council of Education; editor of the *Educational Review*

JAMES MCKEEN CATTELL . . . . . *Experimental Psychology*

A.B., Lafayette College, 1880, and A.M., 1883; Ph.D., Leipzig, 1886; student at Göttingen, Leipzig, Paris, and Geneva, 1880-82; fellow of Johns Hopkins University, 1882-83; student and assistant in the University of Leipzig, 1883-86; lecturer in the University of Cambridge, 1888; lecturer, 1888, and professor of experimental psychology, 1888-91, in the University of Pennsylvania; professor of experimental psychology, 1891-; member of the American Psychological Association; co-editor of the *Psychological Review*

JAMES HERVEY HYSLOP . . . . . *Logic and Ethics*

A.B., Wooster University, 1877, and A.M., 1879; Ph.D., Johns Hopkins University, 1887; professor of psychology in Bucknell University, 1888; tutor in philosophy, Columbia College, 1889-90; instructor in logic and ethics, 1891-

LIVINGSTON FARRAND . . . . . *Physiological Psychology and Anthropology*

A.B., Princeton College, 1888, and A.M., 1891; M.D., Columbia College, 1891; student at Universities of Cambridge and Berlin, 1891-93; instructor in physiological psychology, 1893-

*and from the Faculty of the Teachers College*

WALTER LOWRIE HERVEY . . . . . *Institutes of Education*

A.B., Princeton College, 1886; A.M., 1889, and Ph.D., 1892; teacher of Latin and Greek in secondary schools, 1886-89; professor of the history and institutes of education, dean of the faculty, New York College for the Training of Teachers, 1889-91; acting president, 1891-92; president of the Teachers College, 1892-

JOHN FRANCIS WOODHULL . . . . . *Methods of Teaching Natural Science*

A.B., Yale College, 1880; instructor, High School, Bloomfield, N. J., 1881-82; principal, High School, Chicopee Falls, Mass., 1883-85; student in chemistry and physics, Johns Hopkins University, 1886; professor of natural science, State Normal School, New Paltz, N. Y., 1887-88; professor of methods of teaching natural science, Teachers College, New York, 1889-

CHARLES ALPHEUS BENNETT . . . . . *Methods of Teaching Manual Training*

B.S., Worcester Polytechnic Institute, 1886; teacher of manual training, High School, St. Paul, Minn., 1887-90; principal of Manual Training High School, St. Paul, Minn., 1888-91; professor of mechanic arts, Teachers College, 1891-

JOHN FRANKLIN REIGART . . . . . *Educational Psychology*

A.B., Dickinson College, 1888; principal of Chester, Pa., High School, 1888-90; scholar in pedagogy, Clark University, 1890-91; associate professor of the history and institutes of education, New York College for the Training of Teachers, 1891-92; professor of psychology and the history of education, Teachers College, 1892-

CLARENCE EDMUND MELENEY . . . . . *Science and Art of Teaching*

A.B., Colby University, 1876, and A.M., 1879; at different times principal of Warren Classical Academy, Maine; Presque Isle Academy, Maine; Methuen High School, Mass.; grammar schools, Quincy, Mass., Yonkers, N. Y., Newark, N. J.; superintendent of schools, Paterson, N. J., 1884-88; Somerville, Mass., 1888-93; principal of Horace Mann School, and professor of the science and art of teaching, Teachers College, 1893-

ROBERT ARROWSMITH . . . . . *Methods of Teaching Greek and Latin*

A.B., Columbia College, 1882; A.M., 1883, and Ph.D., 1884; fellow and assistant, Columbia College, 1882-83, and 1885-86; student at University of Berlin, 1884-85; instructor in Sanskrit and Latin, Racine College, 1886; principal of Barnard School, St. Paul, Minn., 1887-91; professor of Latin and Greek, Teachers College, 1893-; member of the American Oriental Society and of the American Philological Association

FRANK THOMAS BAKER . . . . . *Methods of Teaching English*

A.B., Dickinson College, 1885, and A.M., 1889; teacher of Greek, mathematics, and English in secondary schools, 1885-92; student in Harvard University, 1892; instructor in English and mathematics, Horace Mann School, 1892-93; professor of English language and literature, Teachers College, 1893-

## General Statement

The courses of this Department fall into two divisions, those on Philosophy and those on Education. In each division are courses intended primarily for undergraduates. These are best described as introductory courses, and their aim is to furnish a general acquaintance with the main sub-divisions of Philosophy and Education as a whole. The courses known as Philosophy A, II, III, IX, XIII, and Education I and II, are of this character. By the use of the historical and comparative methods of study and exposition, students in these courses are introduced to a general survey of their respective subjects. While serving therefore as introductory courses for students proposing to specialize in Philosophy or Education, they are particularly recommended to those students of law, medicine, political science, natural science, or theology, who wish to acquire some knowledge of Philosophy and Education as part of a liberal education.

The remaining courses in each division are intended primarily for advanced students. These courses may be taken only by those who have had the introductory courses, or their equivalent at some other university. The advanced courses are planned with reference to each other, and a student remaining three years in the Department may hear courses that cover the entire range of modern philosophy.

A select number of advanced students, usually candidates for university degrees only, are admitted to the seminars organized for training in research.

All of the courses offered by this Department, except Philosophy A, are open to women on the same terms as to men. Women wishing to enter any of the courses must register through Barnard College.

### Courses in Philosophy

A (I)—Logic and psychology—Hyslop's Elements of Logic ; Baldwin's Elements of Psychology, James's Principles of Psychology—Lectures, practical exercises, and recitations—2 hours weekly. Dr. HYSLOP

M. and Th. at 1.30, or Tu. and Fr. at 1.30, Room 40, H. H.

This course is required of all members of the Junior class in the School of Arts, and must be taken by all university students who desire to enter the advanced courses, unless they have had an equivalent course elsewhere. In this course the Junior class is divided into two sections, and university students may, with the instructor's permission, join either section.

For the first half-year Logic is the subject of the course. The purpose is to give students a practical knowledge of reasoning and of scientific method. A large number of practical exercises is given, particular attention being paid to fallacies and the inductive method.

In the second half-year Psychology is taken up. The course is a general one, and is designed to be an introduction to the subject, having special reference to the definition of psychological terms and the fundamental laws of mind. Particular stress is laid on modern scientific methods in psychology, upon its value as a pedagogical instrument, and upon certain pathological features which are interesting and important to the physician and the lawyer. This part of the course, like the preceding, aims at a practical knowledge of the subject rather than a purely speculative treatment of it.

II—Ethics, introductory course—Lectures, essays, and discussions—2 hours weekly. Dr. HYSLOP

Tu. and Th. at 2.30, Room 16, H. H.

This course aims to give a careful and systematic analysis of elementary conceptions in Ethics, with an examination of the fundamental doctrines of this branch of philosophy. It deals largely with theoretical problems, but devotes a portion of the time to practical questions. The principal subjects treated are conscience, its nature, origin, and authority, with particular reference to the doctrine of evolution ; motives ; the will and its freedom ; utilitarianism, and its opposing theories ; the doctrine of rights ; and the duties of the individual, the family, and the state.

III—General history of philosophy—Zeller's Outlines of Greek Philosophy, Falckenberg's History of Modern Philosophy, and Windelband's History



of Philosophy—Lectures, essays, and private reading—2 hours weekly. Professor BUTLER

M. and W. at 2.30, Room 46, H. H.

This course embraces a general survey of systematic thought from the rise of Greek philosophy to the present time, with particular reference to the development of the conceptions and problems of philosophy. Especial stress is laid upon the relations between philosophy and the development of civilization, as shown in the institutions, art, and literature of various nations and periods. This course serves as a general introduction to the study of philosophy.

IV—British philosophy from Locke to Herbert Spencer: history and criticism of the association psychology and the philosophy of evolution—Locke's *Essay on the Human Understanding*, Berkeley's *Principles of Human Knowledge*, Hume's *Treatise of Human Nature*; the writings of Hartley, Brown, the Mills, and Bain; Herbert Spencer's *First Principles*—Lectures, essays, and private reading—2 hours weekly. Professor BUTLER

M. and W. at 3.45, Room 46, H. H. [Given in 1894-5, and each alternate year thereafter.]

In this course a study is made, historically and critically, of the tendencies in modern British thought known as scepticism and agnosticism. The psychological basis of these tendencies is carefully examined, and a criticism of their methods and results is offered.

Course IV is open only to students who have had Courses I and III or their equivalent.

V—The philosophy of Kant and his successors; Fichte, Schelling, Hegel, Herbart, and Schopenhauer—Lectures, essays, and private reading—2 hours weekly. Professor BUTLER

M. and W. at 3.45, Room 46, H. H. [Given in 1893-4, and each alternate year thereafter.]

This course consists chiefly of a detailed examination of the Kantian philosophy and its results. The successive topics discussed are: the state of philosophical opinion in the 18th century; Kant's life, education, and philosophic development; the influence of Berkeley, Hume, Newton, Leibniz, Wolff, and Rousseau on Kant; his various writings before 1781; the three Critiques and the later works; Kant's permanent service to philosophy; his influence on modern thought; the relation of Fichte, Schelling, Hegel, Schopenhauer, Herbart, and Lotze to Kant and to each other.

Course V is open only to students who have had Courses I and III or their equivalent.

VI—Systematic ethics—Lectures, discussions, and essays—2 hours weekly. Dr. HYSLOP

M. and W. at 2.30, Room 16, H. H. [Given in 1894-5, and each alternate year thereafter.]

This course opens with an exhaustive study of the methods of ethics and the various theories maintained in the development of moral science. This is followed by a careful study of individual systems, including those of Bentham, Mill, Spencer, Martineau, and Kant, after which the instructor's own view is expounded. Each member of the course is required to spend the year upon the study of some particular author and to bring in for discussion at stated times papers upon special portions of his subject.

Course VI is open only to students who have had Courses I and II or their equivalent.

VII—Practical ethics—Lectures, private reading, observation, essays, and discussions—2 hours weekly. Dr. HYSLOP

M. and W. at 2.30, Room 16, H. H. [Given in 1893-4, and each alternate year thereafter.]

This course opens with a study of casuistry and the general problems of practical ethics. Special subjects of social ethics are then taken up, including poverty and its causes, charity and its methods, charity organization, General Booth's scheme for social relief, labor-unions, arbitration, co-operation, profit-sharing, socialism, prison discipline and reform, marriage and divorce, the Indian question, etc. A personal study of some one movement within the field of social ethics is made by each member of the course.

VIII—Contemporary psychologists: lectures and readings from the works of Wundt, Volkman, Ribot, Münsterberg, James, and Baldwin, with particular reference to their doctrines of apperception and of the feelings. 1 hour weekly during March, April, and May. Professor BUTLER [Not given in 1893-4.]

Fr. at 4.30, Room 46, H. H.

This course cannot be counted for the A.B. degree.

IX—Physiological psychology, introductory course—Lectures and laboratory work—3 hours weekly. Dr. FARRAND

M., W., and Fr. at 10.30, Psychological laboratory.

This course consists of lectures and demonstrations on the anatomy and physiology of the central nervous system. A brief general discussion of its development through lower forms to the higher will be followed by a more thorough study of the anatomy of the human central nervous system, this in turn leading up to its physiology. In the latter part of the course those pathological states of most importance for psychology will be treated, and attention called throughout to the psychological bearing of the facts under discussion.

Course IX is especially recommended to intending students of medicine.

X—Physiological psychology, advanced course—Lectures and laboratory work—2 hours weekly. Dr. FARRAND

Tu. and Th. at 10.30, Psychological laboratory.

This course is intended for those who have taken Course IX, or its equivalent elsewhere, and who wish to pursue the subject further and in more detail. The work will be arranged with reference to the individual needs of the students, and will consist either in the performance of the more complicated experiments in the field of nervous physiology, or in original research under the guidance of the instructor.

XI—Mental pathology; abnormal and comparative psychology—Lectures, essays and discussions—1 hour weekly. Dr. FARRAND

Th. at 12.30, Psychological laboratory.

This course treats of illusions, insanity, hypnotism; mental development of the lower races, animal intelligence, and related topics.

XII—Anthropology—Lectures, essays, and private reading—2 hours weekly.  
Dr. FARRAND

Hours to be arranged, Psychological laboratory.

This course is intended to serve as a general introduction to the study of anthropology, taking up for discussion the doctrine of variation in animal and vegetable species, its application to man; the origin of species, Darwinism; the various hypotheses of the origin of the human species; the comparative study of primitive races; primitive culture, survivals of primitive customs and ideas; the origins of language and religion, and similar topics.

XIII—Experimental psychology, introductory course—Lectures, themes, and laboratory work—2 hours weekly. Professor CATTELL.

Fr., 11.30-1.30, Psychological laboratory.

This course is planned for seniors in the School of Arts and others having an equivalent training. It is introductory to the more advanced courses in experimental psychology, and is intended to give such knowledge of modern psychological methods and results as should be included in a liberal education. The course will be found practically useful by those proposing to take up the study of education, art, or medicine. The senses are studied during the first half year with due regard to the interrelations of physics, physiology, and psychology. Special attention is given to vision and hearing, including the scientific basis of music. Methods for studying defects of the senses, as required in the practice of the physician or supervision of the school, are especially considered.

In the second half year the higher mental processes are studied in so far as this can be done by experimental methods. The subjects taken up are the relations of mind and body, feeling and movement, observation, memory, imagination, association, and sub-consciousness, and the measurement of the time, intensity and extensity of mental processes.

Members of this course are recommended to read James's *Principles of Psychology* and Wundt's *Physiologische Psychologie*. The chief reading, however, consists in the working up of special topics, say four in the course of the year, by each student. The topics are selected by the student himself with reference to experiments made by the class. He collates these experiments with reference to special work already published on the subject.

XIV—Experimental psychology, advanced course—Laboratory work—2 hours weekly. Professor CATTELL

Hours to be arranged after consultation with the students.

This course is intended to give students attending Course XIII additional opportunities for laboratory work. Only such students are admitted as are able to work to a certain extent independently.

XV—Vision—Lectures, laboratory work, and reports—2 hours weekly. Professor CATTELL

Tu., 11.30-1.30, Psychological laboratory.

The subject of this course is proposed for 1893-4 only, the course being altered each year, so that candidates for the higher degrees may be able to investigate different subjects each year. For 1894-5, Psychological Methods is proposed as the topic. This course is adjusted to the needs of the students wishing to attend it, the methods being those of the seminar. Students are expected to carry out experiments, verifying researches made by others and undertaking original research, and to report on these and on the literature of the subject. In 1893-4 Helmholtz' *Physiologische Optik* will be read in conjunction with special books and articles.

XVI—Research work in experimental psychology. Professor CATTELL  
Daily, Psychological laboratory.

Students looking forward to the degree of doctor of philosophy, and scientific men, are given in this course opportunity for psychological research in any direction. The laboratory has been especially arranged and the apparatus secured for such research, and any additional or new apparatus required for special investigation will be at once secured.

XVII—Philosophical seminar—Weekly. Professor BUTLER  
Th. at 4.30, Room 46, H. H.

Membership in this seminar is usually confined to candidates for the degree of doctor of philosophy, and to candidates for the degree of master of arts whose major subject is philosophy. Topics are assigned for investigation, and by direction on the part of the professor, by criticism and the discussion of results, training is afforded in dealing independently with philosophical problems and in research. In 1891-2 the subject chosen was: The Lesser Contemporaries of Kant; in 1892-3, Recent Contributions to the History of Philosophy; in 1893-4. Topics in the History of Continental Philosophy from Spinoza to Schopenhauer.

XVIII—Ethical seminar—Weekly—Dr. HYSLOP  
Wed. at 1.30, Room 16, H. H.

The conditions for membership in this Seminar are similar to those specified for Course XVII.

### Courses in Education

I—History of educational theories and institutions: Aristotle and the ancient educational ideals, Alcuin and the rise of the Christian schools, Abelard and the foundation of the universities, Loyola and the educational system of the Jesuits; the educational reformers, Rousseau, Pestalozzi, and Froebel; Herbart and the philosophical study of education—Lectures, essays, and private reading—1 hour weekly. Professor BUTLER

Th. at 3.45, Room 46, H. H. [Given in 1894-5, and each alternate year thereafter.]

This course is complementary to Philosophy III, and is intended to give an interpretation of the part played by educational ideals and institutions in the history of civilization, with a view to throwing light upon present problems in education.

II—Principles of education: psychology of childhood, didactics, the ethical and religious element in education—Lectures, essays, and private reading—1 hour weekly. Professor BUTLER

Th. at 3.45, Room 46, H. H. [Given in 1893-4, and each alternate year thereafter.]

In this course the theory and practice of education are subjected to scientific examination and analysis, the purpose being to develop a consistent body of educational doctrine for the guidance of teachers and superintendents of schools. For a portion of the year Lange's *Apperception* and Rein's *Outlines of Pedagogics* are used as textbooks by members of the course.

III—Educational seminar—1 hour weekly. Professor BUTLER  
Hour arranged after consultation with students.

Except in extraordinary cases, membership in this seminar is confined to those candidates for the higher degrees who have chosen Education as their major subject. Concrete educational problems and institutions are minutely studied, and the reports are subjected to thorough discussion. In 1891-2 the subject selected was Compulsory Education Laws; in 1892-3, the Application of Herbart's Theories in Elementary and Secondary Schools; in 1893-4, Child Study.

*The following courses are given at the Teachers College, 9 University Place :*

IV—Educational psychology: study of children—lectures, observations, reports, and private reading—2 hours weekly. Professor REIGART  
Tu. at 10.50, Th. at 11.35.

This course elaborates and discusses the principles of psychology as applied in methods of teaching and the formation of a course of study. Special topics are studied in detail. Opportunities for observation are given in the kindergarten, elementary school, and secondary schools, as well as for the experimental tests of mental progress suggested by Galton, Cattell, Jastrow, and others.

V—Methods of teaching in the elementary school—Lectures, observation, and practical exercises—1½ hours weekly. Professor MELENEY  
Wed. and Fr. at 10.50.

This course examines the methods of teaching typical subjects of the elementary school curriculum, from the standpoint of (a) existing practice, and (b) general method. The general principles of method, as illustrated by the relative value of studies, concentration of instruction, and correlation of studies, are developed and their practical application shown. Plans of teaching are prepared by the members of the course.

VI—History of education, introductory course—Critical reading of educational classics—Lectures, essays, and discussions—1 hour weekly. Professor REIGART  
Wed. and Fr. at 11.35.

This course takes up in turn Plato's Republic, Locke's essay On Education, Rousseau's Émile, and Spencer's Education. The character, aims, and methods of Pestalozzi, Froebel, Dr. Arnold, Horace Mann, and other educational reformers, are studied and explained, with especial reference to the school problems of the present day.

VII—Institutes of education: Laurie's Institutes of Education, Rosenkranz's Philosophy of Education, and Herbart's Science of Education—Lectures, essays, and private reading—1 hour weekly. Professor HERVEY  
Sat. at 9.30.

VIII—Methods of teaching English in secondary schools. Lectures, essays, and practical exercises—2 hours weekly, second half year. Professor BAKER.  
Sat. at 10.30.

This course includes the study, from the teacher's standpoint, of typical forms of literature suitable for use in the school-room; methods of teaching English composition and the formation of a good style; the discussion of the general problem of the teaching of English; an examination of the present state of such teaching, and of the difficulties peculiar to American schools at the present time as shown by existing plans and results; the preparation of lesson-plans, observation and practice teaching.



IX—Methods of teaching history in secondary schools—2 hours weekly, first half year. Miss LUCY M. SALMON, Professor of History in Vassar College. Sat. at 10.30.

This course consists of (a) general lectures on the nature of history, its educational value, its place in the curriculum, and the methods of teaching it applicable to the different grades; (b) a study, from the teacher's standpoint, of a special period in history, the topic for 1893-94 being American history during the present century; (c) a preparation by each member of the class of biographies, bibliographies, book reviews, special topics, criticisms of original authorities, and subjects in historical geography.

[In 1893-4 this course is open only to students registered through Barnard College.]

X—Methods of teaching science in elementary and secondary schools—Lectures, essays, and practical exercises—3 hours weekly. Professor WOOD-HULL

Hours to be arranged.

This course includes discussions upon the methods of studying natural science, with brief sketches of the lives and labors of a few eminent naturalists; a study of the movement in modern times toward introducing science teaching into the common schools; the inspection of schools in the vicinity of New York where science is taught; discussions of ways and means of teaching chemistry, physics, physiology, botany, and geology under the present conditions in the public schools; observation of lessons given in the Horace Mann School by expert teachers; laboratory instruction in the art of experimenting and in the construction of home-made apparatus.

XI—Methods of teaching manual training in elementary and secondary schools—Lectures, essays, and practical exercises—4 hours weekly. Professor BENNETT

This course includes the study of the origin and development of the manual training idea; the characteristics of manual training in Sweden, Germany, France, England, and America; the educational principles underlying manual training; the equipment and courses of instruction for elementary and secondary schools; the manual training high school. Students are also required to observe and practice with a view to teaching one or more of the following subjects: mechanical drawing, elementary wood-working, benchwork in wood, wood-carving, wood-turning, pattern-making, metal-working.

XII—Methods of teaching Latin and Greek—Lectures, essays, and practical exercises—1 hour weekly. Professor ARROWSMITH  
Sat. at 9.30.

This course includes an historical survey and comparison of methods of teaching elementary and advanced classes of varying ages and destinations; the psychological basis, aims, and values of these methods; the relation of the teaching of Latin and Greek to the teaching of grammar, rhetoric, and literature, with illustrations from cognate languages; the development of forms and constructions on the basis of English usage; the place, value, and development of graphic aids and charts in the study of forms and constructions, and of appliances and illustrations in the study of the subject matter. Methods of teaching Cæsar, Cicero, Vergil, Xenophon, and Homer; classical geography and mythology.

XIII—Methods of Teaching French and German—Lectures, essays, and practical exercises—1 hour weekly. Professor —

[To be given in 1894-5.]



XIV—Reading and discussion of German and French works on education, in the original text—Lectures, essays, and discussions—2 hours weekly. Professor —

[To be given in 1894-5.]

XV—Methods of teaching educational psychology—Lectures, essays, observation, and practical exercises—2 hours weekly. Professor REIGART  
Hours to be arranged.

This course is especially designed to equip teachers of psychology and education in normal and high schools. It includes observation of classes in psychology and history of education; criticism of the methods used; lectures and discussions as to the subjects to be presented in a course on psychology, their arrangement and manner of presentation; critical examination of school text-books on psychology and history of education; preparation of outlines for criticism; practice teaching in presenting selected subjects to the college classes.

XVI—Practice in teaching and school supervision—Lectures, reports, and practical exercises—3 hours weekly. Professor MELENEY

[To be given in 1894-5.]

This course is a thoroughly practical one and includes work in school criticism and discipline; observation and study of typical school conditions; school organization; departments, classification, courses of study, school appliances; school construction and sanitation.

## Equipment

The equipment of the Department is very complete and constantly being increased. It includes library facilities, laboratories of experimental and physiological psychology, and the beginnings of an educational museum.

*Library Facilities*—The library facilities of Columbia College and the city of New York, for students of Philosophy and Education, are unsurpassed in this country. The college library, open daily (except Sunday) for fifteen hours, contains over 170,000 bound volumes and an equal number of pamphlets, and is being added to at the rate of more than 20,000 volumes annually. Any book needed by an advanced student can usually be bought at once. The collection of books on the history of philosophy is very large, that on Kant and his philosophy being especially complete. Over 700 periodicals are regularly received at the college library, and among them will be found every journal of importance, American or foreign, dealing with philosophy, psychology, ethics, or education. Students of psychology will also find much of value in the library of the Academy of Medicine, 15 West 43d Street, which is open to students enrolled in this department, free of charge. The Astor and Lenox Libraries are also available for students, on especially favorable terms, when introduced by one of the instructors.

Students of Education have also at their disposal the Bryson library at the Teachers College, 9 University Place. This collection now numbers more than 5,000 volumes, and is constantly being added to. The main purpose of the library is to afford to special students of Education opportunities for study and

research. The library, therefore, consists chiefly of works on Education in English, French, and German, including books on philosophy, psychology, anthropology, history of education, school organization, and methods of teaching. In addition to these professional works the library also contains a collection of books on history, literature, biography, geography, travels, art, science, and technology, adapted to the needs of pupils in elementary and secondary schools, with which students of education and teachers should be familiar.

*Psychological Laboratory*—The psychological laboratory is situated on the fourth floor of the building known as the President's House, and consists of a lecture-room and general laboratory and three smaller rooms for special research, including a dark room for work on vision. The small rooms allow students to work alone and without interruption at all hours during the day. The laboratory has windows to the north, east, south, and west, and is supplied with electric light for experimental purposes and electric power.

The collection of psychological apparatus is, perhaps, not surpassed by any in this country or in Europe. Three thousand dollars have recently been appropriated for this collection by the Trustees of the College, and, in addition, apparatus which cost \$1,200 is in use. The apparatus has been secured with a view to a series of experiments, such as is carried out by the students attending the introductory course, and to special researches.

Auzoux's models of the brain, eye, and ear are used. Students may also dissect the eye and brain. There are several skulls and plaster models of the brain; also a good Zeiss microscope, and a number of slides showing the minute structure of the nervous system.

In the work on vision the following pieces are used: a photographic camera, to illustrate physiological optics; an ophthalmoscope; Galton's eyesight test, and various test-types; Galton's test for color-blindness; a whirling-table for revolving disks; McHardy's perimeter for measuring the field of vision; apparatus for measuring the accuracy with which size is discriminated; apparatus for determining the least perceptible difference in intensity; apparatus for studying the time phenomena of vision. For binocular vision there is a stereoscope, a pseudoscope, and an instrument for determining the accuracy with which distance is perceived with one and with two eyes; also a large number of diagrams, charts, disks, cards, and other preparations used in studying the eye, entoptic phenomena, after-images, contrast, color-blindness, time of vision, and elementary æsthetics.

For the study of hearing there is a collection of nineteen Koenig tuning-forks, partly reserved for research; a set of ten Koenig resonators, a sonometer, a Galton whistle, and organ pipes. There is an Ellis harmonium, giving the untempered scale, and a piano for studying overtones, the analysis of timbre, melody, harmony, and rhythm.

For touch and movement there is a Sievking æsthesiometer, a Collin dynamometer, instruments for measuring the accuracy of perception of the force, of the time and of the extent of movement; apparatus for the sense of effort; for the sense of pain; for sensations of temperature, and for sensations of taste.

For measuring the time, intensity, and extensity of mental processes, in addi-

tion to pieces already mentioned, there is an electric chronoscope, which records time to the thousandth of a second, together with a regulator, a rheostat, a condenser, commutators, switches, keys ; a chronograph of high speed made by Diederichs with subsidiary apparatus ; instruments for producing sounds, electric shocks (Du Bois-Reymond induction coil), pressures and blows of measurable intensity, lights, and other visual stimuli ; two tambours, a recording tuning-fork, a gravity chronometer, a stop-watch. Experiments on memory, association of ideas, imagination, subconscious mental processes, the range of consciousness, the perception of time and space, and in other directions, are carried out with the apparatus enumerated, and with such drawings, printed matter, and cards as are needed.

In addition, there are several sets of apparatus constructed for special research. For research now in progress on vision there is a wheel chronoscope, which measures the extent, intensity, and duration of lights and colors, and records the moment of exposure. Used in conjunction with this an electric chronoscope with improvements, and a whirling-table, whose rate of revolution can be exactly determined. There is also a spectrophotometer, with the aid of which some of these experiments may be repeated on colors of the spectrum. For experiments on vision in a different direction a special pendulum-chronoscope has been constructed. Researches are in progress on the perception of the intensity and extensity of touch and pressure, and on the relation between the intensity of light and the duration of after-images, for which special apparatus is provided. Arrangements have been made for studying the relation between the accuracy and time of perception. Lastly, a research is in progress on the time of physiological and mental processes, the apparatus for which has been secured through an appropriation (\$600) from the Bache Fund of the National Academy of Sciences. The laboratory is provided with measuring instruments, such as pendulums, a balance, metric rules, etc., with tools and various supplies, and with electric batteries having connections in the different rooms.

The exceptionally fine collection of apparatus of the Department of Physiology is also available for the use of students in this Department.

*Horace Mann School*—For students of Education an opportunity for observation and practice in teaching is afforded that is quite unique either in this country or in Europe. This is given in the school of observation and practice known as the Horace Mann School, which is maintained by the Teachers College for this purpose. In this school, every phase of school work, including the high school as well as the kindergarten and the elementary school, is to be found in operation. In the elementary school such problems as concentration, moral training, ends and means in the teaching of elementary science and manual training, are being worked out in the light of educational theory and of practical experience. In the secondary school such questions as education values, the place and function of laboratory work, the effective teaching of English, the relation of collegiate or other special preparation to general training, receive attention. Opportunities for practice in teaching and supervision are afforded to qualified students.

## Candidates for the Degrees of Bachelor of Arts, Master of Arts, and Doctor of Philosophy

Members of the Senior class in the School of Arts, and other candidates for the degree of A.B., are permitted to elect Philosophy II, III, IX, XII, and XIII, and Education I and II. Before such students may take any other course, special permission from the head of the Department is required.

All the courses offered by the Department, except Philosophy A, may be counted as part of the work required for the degrees of master of arts and doctor of philosophy. Candidates for these degrees must hold a bachelor's degree, or its equivalent from a European institution, and are required to select one major and two minor subjects, and to pursue the same in residence for a minimum period of one and two years, respectively. Ordinarily a somewhat longer time is required. This is always the case when the student is a graduate of a college that does not offer opportunities for a good preliminary training in philosophy. Students who have been in residence at another university will be given credit for the same, but a residence of at least one term at Columbia College is required of all candidates for its degree.

This Department offers three subjects: Philosophy, Psychology, and Education, any of which may be selected by a candidate as the major or minor subjects for a university degree. It also offers two subjects: Logic and Anthropology, either of which may be chosen as a minor subject. The subject of the dissertation required of all candidates for the degree of doctor of philosophy, and that of the essay required of all candidates for the degree of master of arts, must be in the field of the major subject.

### Requirements for a Major Subject

Candidates for the degree of doctor of philosophy who select Philosophy as their major subject, are required to attend the following courses:

First year: II, III, and XIII.

Second year: IV or V, VI or VII, and XVII.

Third year: V or IV, VII or VI, and XVII.

They are also recommended to attend Philosophy VIII and IX, Education I, and the courses on Sociology and Political Philosophy offered by the Faculty of Political Science.

Those selecting Psychology as their major subject, are required to attend the following courses:

First year: III, IX, XII, and XIII.

Second year: X, XI, XIV, and XV.

Third year: VIII, XV, and XVI.

They are also recommended to attend Education IV, and the courses in Comparative Neurology and Physiology offered by the Faculty of Pure Science.

Those selecting Education as their major subject are required to attend the following courses:

First year: Philosophy III and XIII, and Education I or II and IV or VI.

Second year : Education II or I, VI or IV, III, VII, and Philosophy IX or XII.

Third year : Education III and XVI, Philosophy IX or XII, and any two of the following :

Education V, VIII, IX, X, XI, XII, XIII, XIV, XV,

Candidates for the degree of master of arts who select Philosophy, Psychology, or Education as their major subject, are required to pursue the courses specified for the first two years in the case of candidates for the degree of doctor of philosophy.

### Requirements for a Minor Subject

Candidates for the degree of doctor of philosophy who select Philosophy as their minor subject, are required to attend the following courses :

First year : Philosophy III, and either II, IX, or XIII.

Second year : Either Philosophy IV, V, VI, or VII.

Third year : Some one of the courses enumerated for the second year, not previously taken. Such students must also attend the Course XVII during the second or third year.

Those selecting Psychology as a minor subject are required to attend the following courses :

First year : Philosophy III, and IX or XIII.

Second year : Philosophy X or XIV.

Third year : Philosophy XV.

They are also recommended to attend Philosophy VIII, XI, XII, and Education IV.

Those selecting Education as a minor subject are required to attend the following courses :

First year : Philosophy III, and Education I or II.

Second year : Education II or I, and Education IV or VI.

Third year : Courses amounting to three hours a week selected from those offered in Education, not previously taken. The Educational seminar must also be attended in either the second or the third year.

Candidates for the degree of master of arts who select Philosophy, Psychology, or Education as a minor subject, are required to attend the courses specified for the first two years in the case of candidates for the degree of doctor of philosophy, with the additional proviso that some one Seminar must be attended for at least one year.

The requirements in Logic or Anthropology, when either is chosen as a minor subject, will be arranged with each candidate.

### French and German

Ability to read French and German is presumed in the case of all candidates for the higher degrees. Candidates for the degree of doctor of philosophy are formally examined in reading Latin, French, and German at sight. Students who are deficient in the ability to read these languages fluently are strongly recommended to enter the courses known as Latin XII, German III, and French A.



### Related Subjects and Courses

Candidates for a university degree who select Philosophy as the major subject are advised to select Psychology and either Political Philosophy, Sociology, Political Economy, or Roman Law and Comparative Jurisprudence as the minor subjects.

Those who select Psychology as the major subject are advised to choose Biology or Physiology as one of the minor subjects.

Those who select Education as the major subject are advised to choose Psychology as one minor subject, and some branch of language or natural science—according to the tastes and purposes of the candidate—as a second.

The courses named below, though not given by instructors in this Department, should be mentioned here.

Of special interest to students of Philosophy are :

Latin III—Cicero, *De Officiis* : lectures on Roman philosophy—2 hours weekly. Dr. EGBERT

M. at 11.30 and F. at 10.30, second half-year only.

Latin IV—Lucretius, *De Rerum Natura* : lectures on the Epicurean philosophy—2 hours weekly. Professor PECK. Second half-year only.

Literature I—The history and theory of criticism : Plato, Aristotle, Horace, Quintilian, Sidney, Boileau, Dryden, Lessing, Coleridge—2 hours weekly. Professor WOODBERRY

W. and F. at 12.30.

German I—Goethe's *Faust*—2 hours weekly. Professor BOYESEN

W. and F. at 9.30.

Iranian V—Zoroaster and his teaching—1 hour weekly. Professor JACKSON

M. at 11.30.

Language I—Introduction to the Study of Language—2 hours weekly. Professors W. H. CARPENTER, GOTTHEIL, PERRY, and JACKSON

M. and W. at 10.30.

Constitutional History of Europe—4 hours weekly. Professor OSGOOD

M., Tu., W., and Th. at 1.30, first half-year only.

History of Political Theories—3 hours weekly. Professor DUNNING

History of European Law—2 hours weekly. Professor MUNROE SMITH

Statistical Science : methods and results—2 hours weekly. Professor MAYO-SMITH

Communitic and Socialistic Theories—2 hours weekly. Professor MAYO-SMITH

Sociology—2 hours weekly. Professor GIDDINGS

F. 3.30-5.30.

Of special interest to students of Psychology are :

Elementary Zoölogy—1 hour weekly.

Elementary Biology—4 hours weekly. Professors OSBORN and WILSON

Comparative Neurology—3 hours weekly. Professor OSBORN

Of Special interest to students of Education is :

French XIV—Methods of Teaching French—2 hours weekly. Professor COHN

Tu. and Th. at 9.30.



## Graduation Honors

Honors in Philosophy are awarded at graduation to those candidates for the degree of A.B. who have not been classed below grade B in Philosophy A and any three of the remaining courses open to Seniors, and who submit, on or before May 1, a satisfactory essay of not less than 5,000 words on some topic announced by the officers of the Department on or before November 1 preceding. For 1894 the topic prescribed is "John Stuart Mills' theory of the inductive method.

## University Fellowships

Twenty-four University Fellowships, of the value of \$500 each, are awarded in April of each year by the University Council. One or more of these Fellowships may be assigned to this Department. Applications for Fellowships should be addressed to the President of Columbia College not later than March 1.

## Fees

The annual tuition fee for candidates for a degree is \$150, payable in two equal instalments. A matriculation fee of \$5 is also charged when the student first enrolls himself in Columbia College. The fees for degrees are as follows: Bachelor of Arts, \$15; Master of Arts, \$25; Doctor of Philosophy, \$35.

Students who are not candidates for any degree pay the matriculation fee of \$5, and a tuition fee of \$15 for each hour of attendance per week per year, with a maximum fee of \$150.

## Students in Theological Seminaries

Students in the General or Union Theological Seminaries in the city of New York are admitted to pursue courses in this Department, and to become candidates for degrees without charge for matriculation or tuition.

## New York Philosophical Society

The New York Philosophical Society, consisting largely of graduates and advanced students in this Department, holds six meetings during the winter. It offers an excellent opportunity for training in the discussion of philosophical questions.







72 u Zph  
1894/95

## CONTENTS

	PAGE
UNIVERSITY FACULTY OF PHILOSOPHY . . . . .	1
Other Officers . . . . .	2
GENERAL STATEMENT . . . . .	3
UNIVERSITY FACULTY OF PHILOSOPHY . . . . .	4
Admission and Attendance . . . . .	4
Matriculation and Registration . . . . .	5
THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY . . . . .	5
UNIVERSITY FELLOWSHIPS . . . . .	10
UNIVERSITY SCHOLARSHIPS . . . . .	12
FEES . . . . .	13
COURSES OF STUDY AND RESEARCH FOR 1895-6 . . . . .	13
Philosophy, Psychology, and Education . . . . .	13
Study of Language . . . . .	17
Literature . . . . .	17
Oriental Languages : . . . . .	18
Semitic Languages . . . . .	18
Sanskrit . . . . .	21
Iranian Languages . . . . .	21
Courses in Semitic Languages at the Union Theological Seminary . . . . .	23
Greek (including Archæology and Epigraphy) . . . . .	23
Courses in New Testament Greek at the Union Theological Seminary . . . . .	24
Latin (including Archæology and Epigraphy) . . . . .	24
Germanic Languages and Literatures . . . . .	25
English . . . . .	26
Rhetoric and English Composition . . . . .	27
Romance Languages and Literatures . . . . .	28
CONSULTATION HOURS . . . . .	32
CALENDAR . . . . .	33





# UNIVERSITY FACULTY OF PHILOSOPHY

NAME	ADDRESS
SETH LOW, LL.D.....	Columbia College President of Columbia College
HENRY DRISLER, LL.D.....	48 West 46th Street Jay Professor of the Greek Language and Literature (Emeritus)
THOMAS RANDOLPH PRICE, M.A., LL.D.....	263 West 45th Street Professor of the English Language and Literature
HJALMAR HJORTH BOYESEN, Ph.D.....	Columbia College Professor of Germanic Languages and Literatures
HARRY THURSTON PECK, Ph.D.....	New Rochelle, N. Y. Professor of the Latin Language and Literature
NICHOLAS MURRAY BUTLER, Ph.D.....	119 East 30th Street Professor of Philosophy and Education Dean of the Faculty
WILLIAM HENRY CARPENTER, Ph.D.....	Columbia College Professor of Germanic Philology
JAMES MCKEEN CATTELL, Ph.D.....	Garrisons, N. Y. Professor of Experimental Psychology
EDWARD DELAVAN PERRY, Ph.D.....	133 East 55th Street Jay Professor of the Greek Language and Literature Secretary of the Faculty
ABRAHAM VALENTINE WILLIAMS JACKSON, Ph.D.,.....	Yonkers, N. Y. Professor of the Indo-Iranian Languages
ADOLPHE COHN, LL.B., A.M.....	121 West 95th Street Professor of the Romance Languages and Literatures
GEORGE EDWARD WOODBERRY, A.B.....	5 East 17th Street Professor of Literature
GEORGE WILLIAM WARREN, Mus. D.....	40 West 59th Street Professor of Music
BRANDER MATTHEWS, A.M., LL.B.....	121 East 18th Street Professor of Literature
RICHARD JAMES HORATIO GOTTHEIL, Ph.D.....	Columbia College Professor of Rabbinical Literature and the Semitic Languages
HENRY ALFRED TODD, Ph.D.....	720 West End Ave. Professor of Romance Philology
GEORGE RICE CARPENTER, A.B.....	Columbia College Professor of Rhetoric and English Composition
JAMES RIGNALL WHEELER, Ph.D.....	Columbia College Professor of Greek

## SCHOOL OF PHILOSOPHY

- JAMES CHIDESTER EGBERT, Jr., Ph.D...346 Webster Ave., Jersey City, N. J.  
Adjunct Professor of Latin
- JAMES HERVEY HYSLOP, Ph.D.....171 West 81st Street  
Professor of Logic and Ethics

## OTHER OFFICERS

- CARLO LEONARDO SPERANZA, LL.B., A.M.....128 East 63d Street  
Instructor in Romance Languages
- CLARENCE HOFFMAN YOUNG, Ph.D.....308 West 58th Street  
Instructor in Greek
- EUGENE HOWARD BABBITT, A.B.....Columbia College  
Instructor in the Germanic Languages
- LIVINGSTON FARRAND, A.M., M.D.....Columbia College  
Instructor in Physiological Psychology
- BENJAMIN DURYEA WOODWARD, Ph.D.....462 West 22d Street  
Instructor in the Romance Languages
- NELSON GLENN MCCREA, Ph.D.....533 Franklin Ave., Brooklyn  
Instructor in Latin
- LOUIS MARIE AUGUSTE LOISEAUX.....64 West 49th Street  
Tutor in the Romance Languages
- NORMAN WILDE, Ph.D.....Yonkers, N. Y.  
Assistant in Philosophy

# Columbia College in the City of New York

---

## General Statement

COLUMBIA COLLEGE IN THE CITY OF NEW YORK is the legal designation of the institution founded in 1754 as King's College by the grant of a royal charter from George II. The title of the corporation, originally The Governors of the College of the Province of New York, is now The Trustees of Columbia College in the City of New York.

Columbia College is governed primarily by twenty-four Trustees whose term of office is for life and who form a self-perpetuating body. The title to all the property of the college is vested in the Trustees, who also appoint the President and all officers of instruction and administration. The Trustees are the ultimate source of authority in all matters pertaining to the college.

The President has charge of the educational administration of the college, and is the Chairman of the University Council and of every faculty established by the Trustees.

The University Council is a body consisting of the President, the Dean and Secretary of the School of Arts, *ex officio*, and the Dean and one elected member from each of the university faculties. The University Council, subject to the reserved power of control by the Trustees, has charge of the general educational interests of the college, and of all matters affecting more than one faculty.

Columbia College is now both a college and a university. The college is known as the School of Arts. It offers a course of four years' duration in the liberal arts and sciences, leading to the degree of bachelor of arts, which is conferred on the recommendation of the Faculty of Arts.

The university consists of the following faculties besides the Faculty of Philosophy: Political Science, Pure Science, Law, Medicine, Mines (covering Architecture and Applied Science). These faculties have charge of all the graduate work, besides the professional instruction in law, medicine, and applied science. The faculties are administrative divisions of the teaching body made in accordance with the natural affiliation of the subjects taught. The schools under their charge form convenient groupings of students. Each school bears the name of its faculty, except that the school conducted by the Medical Faculty is known as the College of Physicians and Surgeons.

These divisions into faculties and schools neither control nor limit the student in his freedom of selecting under one or several of the faculties courses that lead to the university degrees of master of arts and doctor of philosophy. These degrees are granted on recommendation of the University Council.

The library of the college contains more than 180,000 bound volumes, besides a very large number of pamphlets. More than 700 scientific and literary periodicals are regularly received by the college. The library is open fourteen hours a day for reference or for the withdrawal of books, without fee to students. About 20,000 volumes are accessible from the reading-room and may be freely consulted by readers without recourse to the librarian.

The city of New York offers many educational opportunities to advanced students. In particular, by special arrangements, peculiar privileges have been obtained for students of Columbia College, without charge, in the Union Theological Seminary, the Metropolitan Museum of Art, the American Museum of Natural History, and the Teachers College.

### University Faculty of Philosophy

The Faculty of Philosophy has charge of the university courses of instruction and research in philosophy, philology, and letters. Any duly matriculated university student is at liberty to combine courses of study and investigation under this faculty with courses offered by the University Faculties of Political Science, Pure Science, Law, Medicine, and Mines (Applied Science).

Students are received either as candidates for the degrees of bachelor of arts, master of arts, or doctor of philosophy, or to pursue special or partial courses. Those courses of lectures which are designated by an *a* prefixed to the number of the course are open to the public, men and women alike, on payment of an auditor's fee. No auditor will be admitted to any course without the consent of the instructor, previously obtained.

Students enrolled in the General, the Union, or the Jewish Theological Seminary, in the city of New York, who may be designated for the privilege by the authorities of these institutions, and accepted by the President of Columbia College, are admitted to the courses offered by the Faculty of Philosophy free of all charge for tuition.

Students enrolled in the Art Schools of the Metropolitan Museum of Art, who may be designated for the privilege by the authorities of those schools, and accepted by the President of Columbia College, are permitted to attend the courses of lectures on archæology and æsthetics free of all charge for tuition.

By the terms of an alliance between Columbia College and the Teachers College, 120th Street near Amsterdam Avenue, duly qualified students of the Teachers College are permitted to enter the courses offered by the Faculty of Philosophy, either as candidates for degrees or as special students.

All these institutions offer reciprocal privileges to students of Columbia College.

### Admission and Attendance

Students desiring to pursue their studies under the direction of the Faculty of Philosophy as candidates for a degree must have completed the curriculum of

#### NOTE.

The following resolution has been adopted by the University Faculty of Philosophy, and approved by the University Council. The regulation is therefore in force for all candidates for the degrees of master of arts and doctor of philosophy under this Faculty who enter after this date.

*Resolved:* That hereafter candidates for the degree of master of arts under the University Faculty of Philosophy be required to devote one year to study for that degree, in residence at Columbia College ; and that candidates for the degree of doctor of philosophy be required to devote three years to study for that degree, at least one year of which shall be spent in residence at Columbia College. In the case of students of special ability or exceptional previous training, the Faculty, by special vote, may modify its usual regulations.

COLUMBIA COLLEGE, May 27, 1895.





some college in good standing at least to the close of the Junior year. Certificates of graduation or dismissal from institutions of learning in foreign countries are also accepted.

Candidates for the degree of bachelor of arts are required to pursue courses of instruction amounting in all to not less than 15 hours of attendance per week for one year, and must conform to the requirements regarding a graduation thesis which are established for members of the Senior class in the School of Arts.

Candidates for the degree of master of arts and doctor of philosophy must hold a bachelor's degree from some college in good standing and remain in residence for not less than one and two years respectively. They are required to pursue courses of study or research in one major and two minor subjects, but are not held to any fixed number of hours of attendance per week. For a further statement see the regulations for university degrees, pages 5-10.

Candidates for the degree of doctor of philosophy who have been in residence at other universities are given credit for such residence.

Students who are not candidates for a degree are admitted to any courses which they are found competent to undertake.

There are no examinations for admission, either as candidates for a degree or as special students. Students are admitted at any time during the year, and may present themselves for examination for a degree whenever the requirements as to residence and an essay or dissertation have been complied with.

### Matriculation and Registration

Each student on first connecting himself with Columbia College is required to sign the matriculation book in the office of the President, and pay a fee of \$5.00. Immediately after matriculation, and before entering upon his studies each year thereafter, every student who desires to pursue his studies, either wholly or in part, under the direction of the Faculty of Philosophy, must register himself in the office of the Dean of that Faculty and receive a registration book. Until his matriculation and registration are completed, no student is entitled to attend any university exercises whatever, nor will any attendance previous to matriculation be counted as part of the residence required for a degree.

### The Degrees of Master of Arts and Doctor of Philosophy

Candidates for these degrees are governed by the following regulations established by the University Council:

I Candidates for the degrees of Master of Arts and Doctor of Philosophy must either

A. Hold the degree of Bachelor of Arts from one of the colleges named below:

Allegheny,	Augustana,
Amherst,	Bates,
Antioch,	Beloit,

- Boston University,  
 Bowdoin,  
 Brown University,  
 Bryn Mawr,  
 Buchtel,  
 Bucknell,  
 California, University of,  
 Carleton,  
 Centre,  
 Chicago, University of,  
 Cincinnati, University of,  
 Clark University,  
 Colby University,  
 Colgate University,  
 Colorado, University of,  
 Columbia,  
 Cornell,  
 Cornell University,  
 Cumberland University,  
 Dalhousie,  
 Dartmouth,  
 Denison University,  
 De Pauw University,  
 Dickinson,  
 Doane,  
 Earlham,  
 Franklin and Marshall,  
 Georgia, University of,  
 Georgetown (D. C.).  
 Hamilton,  
 Harvard,  
 Haverford,  
 Hiram,  
 Hobart,  
 Holy Cross,  
 Illinois,  
 Illinois, University of,  
 Indiana, University of,  
 Iowa College,  
 Iowa, State University of,  
 Johns Hopkins University,  
 Kansas, University of,  
 Kenyon,  
 Knox,  
 Lafayette,  
 Lehigh University,  
 Leland Stanford, Jr., University,
- Marietta,  
 McGill University,  
 Miami University,  
 Michigan, University of,  
 Middlebury,  
 Minnesota, University of,  
 Mississippi, University of,  
 Missouri, University of,  
 Mt. Union,  
 Nebraska, University of,  
 New Brunswick, University of,  
 New York, College of the City of,  
 New York, University of the City of,  
 North Carolina, University of,  
 North Dakota, University of,  
 Northwestern University,  
 Oberlin,  
 Ohio State University,  
 Ohio Wesleyan University,  
 Oregon, University of,  
 Otterbein University,  
 Pennsylvania, University of,  
 Princeton,  
 Radcliffe,  
 Rochester, University of,  
 Rutgers,  
 Seton Hall,  
 Smith,  
 St. Francis Xavier,  
 St. Lawrence University,  
 St. Stephens,  
 St. Xavier (Cincinnati),  
 South, University of the,  
 Swarthmore,  
 Syracuse University,  
 Texas, University of,  
 Toronto, University of,  
 Trinity,  
 Tufts,  
 Tulane University of Louisiana,  
 Union,  
 Ursinus,  
 Vanderbilt University,  
 Vassar,  
 Vermont, University of,  
 Victoria, University of,  
 Virginia, University of,

Washburn,  
Washburn (Ind.),  
Washington University (Mo.),  
Washington and Jefferson,  
Wellesley,  
Wesleyan University (Ct.),  
Western Reserve University,  
or

Western University of Pennsylvania,  
Williams,  
Wisconsin, University of,  
Wittenberg,  
Woman's College, Baltimore,  
Wooster, University of,  
Yale University,

B. Hold the degree of Ph.B., B.S., or B.L., from an institution which requires for that degree at least the following subjects of instruction : Latin to include at least the ability to read easy Latin at sight and to write easy Latin prose ; history and political economy, for at least two years ; logic and psychology, for at least one year ; English language and literature, for at least two years ; French and German, so far as the ability to read easy prose at sight.

C. Candidates who are not able to meet the requirements mentioned under A or B, will only be admitted to candidacy for the degree of A.M.. and Ph.D. by special vote of the University Council.

It is further provided that candidates for these degrees, when they are taken in science and based upon a preparatory scientific training only, are required to pursue, for not less than one year, a minor subject under the direction of either the Faculty of Philosophy or the Faculty of Political Science.

2 Each student who declares himself a candidate for the degrees of master of arts and doctor of philosophy, or either of them, shall, immediately after registration, designate one principal or major subject and two subordinate or minor subjects, which, when approved by the faculty or faculties in whose jurisdiction the subjects lie, shall be the studies of his university course. Should the subjects designated by the candidate fall within the jurisdiction of more than one university faculty, the candidate's selection must receive the sanction of the President before it is recorded.

3 Candidates for the degrees of master of arts and doctor of philosophy must pursue their studies in residence for a minimum period of one and two years, respectively, under the direction of the professors and other officers of instruction in charge of the subjects selected by the candidates as major and minor, attending such lectures as may be designated, and performing faithfully such other work in connection therewith as may from time to time be prescribed. Residence at other universities will be duly credited to a candidate, but no degree will be conferred upon any student who has not been in residence at Columbia College for at least one term or session.

The Faculty of Pure Science requires three years' study for the degree of doctor of philosophy, of which at least one year must be spent at Columbia College.

4 The subjects from which the candidate's selection must be made are :

UNDER THE FACULTY OF PHILOSOPHY :

I. *Major Subjects* : 1. Philosophy ; 2. psychology ; 3. education ; 4. linguistics ; 5. literature ; 6. classical archæology and epigraphy ; 7. Greek language, literature, and, incidentally, history ; 8. Latin language and literature and, incidentally, Roman history ; and the following, *including in each case the*

*study of both the language and the literature*: 9. English; 10. Germanic; 11. Romance; 12. Sanskrit (with Pāli) and Iranian; 13. Semitic. Nos. 10, 11, 12, and 13 count each as the equivalent of a major and one minor subject.

II. *Minor Subjects*: 1. Philosophy; 2. psychology; 3. logic; 4. education; 5. anthropology; 6. linguistics; 7. literature; 8. Greek; 9. Greek archæology; 10. Latin; 11. Roman archæology; 12. Sanskrit; 13. Iranian; 14. English; 15. Anglo-Saxon and Gothic; 16. Germanic philology; 17. German language and literature; 18. Scandinavian languages and literatures; 19. Romance philology; 20. French language and literature; 21. Spanish and Italian languages and literatures; 22. Hebrew; 23. Arabic; 24. Assyrian; 25. Syriac; 26. Ethiopic; 27. Semitic epigraphy.

In his choice of subjects under this faculty, the candidate is limited by the regulation that not more than two of the three subjects may be selected from those offered by any one department. A major subject will involve attendance at lectures and seminars amounting to four or more hours weekly; a minor subject will involve attendance of two or more hours weekly.

#### UNDER THE FACULTY OF POLITICAL SCIENCE:

Group I.—History and political philosophy: 1. European history; 2. American history; 3. political philosophy.

Group II.—Public law and comparative jurisprudence: 1. constitutional law; 2. international law; 3. criminal law; 4. administrative law; 5. comparative jurisprudence.

Group III.—Economics and social science: 1. political economy and finance; 2. sociology and statistics.

In his choice of subjects under this faculty, the candidate is limited by the regulation that not more than two of the three subjects may be selected from any one of the above groups, and by the following rules:

Candidates offering European history as the major subject, must offer American history as one of the minor subjects, and *vice versa*.

Candidates offering political economy and finance as the major subject, must offer sociology and statistics as one of the minor subjects, and *vice versa*.

Candidates will not be permitted to offer constitutional law alone as the major subject for the degree of doctor of philosophy, but must combine with it the course on general international law, or on comparative administrative law.

Candidates offering international law, or criminal law, or administrative law as the major subject, must take constitutional law as one minor subject.

Candidates will not be permitted to offer criminal law alone as the major subject for the degree of doctor of philosophy, but must combine with it the course on general international law.

To be recognized as a major subject for the degree of master of arts the courses selected must aggregate at least two hours per week throughout the year, and must also include attendance at a seminar; for a minor subject for the degree of master of arts, the attendance at a seminar is not required.

To be recognized as a minor subject for the degree of doctor of philosophy, courses must be taken, in addition to the requirements for a minor subject for the degree of master of arts, aggregating two hours weekly. To be recognized as a major subject for the degree of doctor of philosophy, all of the courses and seminars offered in that subject must be taken.



UNDER THE FACULTY OF PURE SCIENCE : The subjects represented in this faculty fall under the following heads : Mathematics, mechanics, physics, chemistry, biology, botany, palæontology, mineralogy, lithology, geology, astronomy, meteorology, physical geography, and geodesy.

In his choice of subjects under this faculty, the candidate is limited by the regulation that no two of the subjects selected may be in any one department, unless the consent of the faculty shall have first been obtained.

UNDER THE FACULTY OF MINES : Engineering (civil, mechanical, electrical and sanitary, mining); metallurgy, and architecture.

5 Immediately on registration each student shall receive a registration book, on which shall be inscribed the name of the student and the date of his enrolment or registration. In this registration book the student shall enter, at the beginning of each academic year or session, the subject or titles of the several courses of instruction or investigation which he proposes to follow. At the opening exercise of every such course, or as soon thereafter as may be possible, the student shall present to the professor or instructor in charge his registration book, in order that such professor or instructor may enter therein his name and the date of the opening of the course. At the close of every such course followed by the student, the professor or instructor in charge shall again enter in the registration book his name and the date of the closing of the course, if the student has faithfully attended the same, and performed all the duties required of him in connection therewith. At the time of filing his application to be examined for the degrees of master of arts and doctor of philosophy, or either of them, every candidate must present to the Dean his registration book properly signed and dated, as above prescribed, by the professors or instructors in charge of the several courses which he may have attended, as evidence that he is properly entitled to examination for a degree.

6 Students desiring to be examined as candidates for any degree must make written application for such examination to the Dean of the proper faculty, on blank forms provided for the purpose. All such applications must be made on or before April 1 of the academic year in which the examination is desired.

7 Each candidate for the degree of master of arts, in addition to passing satisfactory examinations on prescribed portions of the subjects selected by him as major and minor, shall present an essay on some topic previously approved by the professor in charge of his major subject. Before the candidate is admitted to examination the professor in charge of his major subject must have signified his approval of such essay. The Faculty of Philosophy requires that this essay be presented not later than May 1 of the academic year in which the examination is to take place. The Faculty of Political Science requires this essay to be a paper read during the year before the seminar of which the candidate is a member.

8 Each candidate for the degree of doctor of philosophy, in addition to passing satisfactory examinations on the subjects selected by him as major and minor, shall present a dissertation, embodying the result of original investigation and research, on some topic previously approved by the faculty. When such dissertation has been approved by the faculty, it shall be printed by the

candidate, and one hundred and fifty copies shall be delivered to the faculty. On the title-page of every such dissertation shall be printed the words : "Submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy, in the University Faculty of \_\_\_\_\_, Columbia College. There shall be appended to each dissertation a statement of the educational institution that the author has attended, a list of the degrees and honors conferred on him, as well as the titles of any previous publications.

The several faculties have delegated the power to approve the subject chosen for his dissertation by any candidate for the degree of doctor of philosophy, as well as the power to approve the dissertation itself, to the professor in charge of the candidate's major subject.

The Faculty of Philosophy requires the submission and approval of the dissertation before the candidate is admitted to examination.

The Faculty of Political Science requires the dissertation to be submitted not later than April 1 of the academic year in which the examination for the degree is desired. With the consent of the Dean and the professor in charge of the candidate's major subject the examination may be held before the printed dissertation is submitted.

The Faculty of Pure Science requires the dissertation to be submitted not later than the third week in March of the academic year in which the examination is desired ; and when printed it must be printed in the size and form either of the Annals or Memoirs of the New York Academy of Science, according to the nature of the subject, and must be delivered to the faculty before the final examination.

9 Every candidate for the degree of doctor of philosophy, in addition to passing such other examinations as may be required by the faculty, shall be subjected to an oral examination on his major subject, and shall defend his dissertation, in the presence of the entire faculty or of so many of its members as may desire to attend. The ability to read at sight Latin, French, and German is required by the Faculties of Philosophy and Political Science ; the ability to read at sight French and German is required by the Faculties of Pure Science and Mines.

10 Students holding college degrees, who shall have completed with marked distinction the entire courses of the School of Law, the School of Medicine, or the School of Mines, may be recommended by the faculty of the school in which they have studied, for the degree of master of arts ; provided that in each case the candidate presents a satisfactory dissertation, and that at least a part of the extra work required of him for the degree of master of arts be taken under the direction of either the Faculty of Philosophy or the Faculty of Political Science, to the extent of a minor course for not less than one year. Students in the School of Medicine are allowed also to take such extra work under the Faculty of Pure Science.

### University Fellowships

Twenty-four university fellowships have been established, tenable for one year, with a possibility of reappointment for reasons of weight. Applications for fellowships should be addressed to the President of Columbia College. The



following rules regarding the fellowships have been established by the University Council :

1 The application shall be made prior to March 1, in writing, addressed to the President of Columbia College. Applications received later than March 1 may fail of consideration. The term of the fellowship is one year, dating from July 1. Residence should begin October 1.

2 The candidate must give evidence

(a) Of a liberal education, such as a diploma already granted, or about to be received, from a college or scientific school of good repute ;

(b) Of decided fitness for a special line of study, such as an example of some scientific or literary work already performed ;

(c) Of upright character, such as a testimonial from some instructor.

3 The value of each fellowship is five hundred dollars. Payments will be based on the time during which the fellow shall have been in residence. The holder of a fellowship is exempt from the charges for tuition.

4 Every holder of a fellowship will be expected to perform such duties as may be allotted to him in connection with his course of study, which course will be such as to lead to the degree of doctor of philosophy. He will be expected to devote his time to the prosecution of special studies under the direction of the head of the department to which he belongs, and before the close of the academic year to give evidence of progress by the preparation of a thesis, the completion of a research, the delivery of a lecture, or by some other method. He must reside in New York or vicinity during the academic year.

5 No holder of a fellowship shall be permitted to pursue a professional or technical course of study during his term. With the written approval of the President, but not otherwise, he may give instruction or assistance in any department of the university.

6 No fellow shall be allowed to accept remunerative employment except by written permission of the President, and the acceptance of any such employment without such permission shall operate to vacate the fellowship.

7 A fellow may be reappointed at the end of the year for reasons of weight. No fellow may be reappointed for more than two terms of one year each.

8 As these fellowships are awarded as honors, those who are disposed, for the benefit of others or for any other reason, to waive the pecuniary emolument, may do so, and still have their names retained on the list of fellows.

### Henry Drisler Fellowship in Classical Philology

This fellowship, of the annual value of five hundred dollars, was established in 1894 in commemoration of the semi-centennial in the service of the college of Henry Drisler, LL.D., of the class of 1839, who held in this college the chairs of both Latin and Greek.

Applicants for this fellowship must be bachelors of arts of this college, or of some other college or university of equivalent standing, and must have pursued the study of Greek and Latin throughout their undergraduate course. They must present testimonials from their instructors in Greek and Latin as to their zeal and success in the study of these languages, and must give evidence

of fitness for a wider and more profound study of the same, and for independent research. Such evidence may be shown by the results of a special examination, or by the production of an essay or published treatise in some department of classical study. Applicants must also have a sufficient knowledge of French and German to use those languages readily in the prosecution of their studies, and must present a certificate of good moral character.

The appointment to the fellowship will be made by the University Council on the joint recommendation of the Professors of Greek and Latin. The appointment shall be for one year, and the holder, for reasons of weight, may be reappointed; but the fellowship shall not be held by the same person for more than three years.

The fellow must study at this college under the direction of the Professors of Greek and Latin, unless permitted by the Council to spend a year in some foreign university or in the American School of Classical Studies at Athens.

### University Scholarships

There have been established by the Trustees of Columbia College thirty university scholarships, to be awarded annually to students in the University Faculties of Philosophy, Political Science, and Pure Science. These scholarships are awarded under the following regulations, prepared by the authority of the University Council and with its approval :

- 1 The university scholarships are open to all graduates of colleges and scientific schools whose course of study has been such as to entitle them to be enrolled at Columbia as candidates for a university degree. (See pp. 5-7.)
- 2 These scholarships are tenable for one academic year, with a possibility of renewal for one year longer. They are of an annual value of \$150 each.
- 3 Payments will be made to university scholars in two equal instalments : one on October 1, and one on February 1. University scholars will be required to pay all of the fees established for matriculation, tuition, and graduation.
- 4 Applications for university scholarships should be made in writing, on blanks that will be furnished for the purpose, and addressed to the President of Columbia College. For the scholarships to be awarded in the spring, applications should be filed not later than May 1. No application for a university scholarship will be required from an applicant for a university fellowship. Should a scholarship be awarded to an unsuccessful applicant for a fellowship, the only information required from the candidate will be that contained in the formal application for the latter honor.
- 5 Not more than twenty of the university scholarships will be awarded by the University Council at its regular meeting in May. The award will be made after applications have been examined and recommendations made by the standing committee on university scholarships. In making these recommendations the committee will give preference to those candidates for university fellowships who have failed of appointment by the University Council, after having been recommended for the same by any faculty or department.
- 6 At least ten university scholarships will be reserved to be filled in the autumn, and applications for the same will be received up to October 1.

7 University scholars will be required to enroll themselves as candidates for a degree, and to pursue a regular course of study leading thereto.

## Fees

The annual fee for every candidate for a degree is \$150, payable in two equal instalments in October and February, with the proviso that the entire sum to be paid in fees by a candidate for the degree of master of arts shall be \$150, and, for the degree of doctor of philosophy, \$300. The fee for students not candidates for a degree is calculated at the rate of \$15 a year for each hour of attendance upon university exercises a week, with a maximum fee of \$150.

The fee for auditors is calculated at the rate of \$20 a year for each hour of attendance upon university exercises a week, with a maximum fee of \$200. Auditors are permitted, at their option, to enroll themselves for a single term only, at one-half of the above-mentioned fee.

Special students who afterwards qualify as candidates for one of the higher degrees must pay, before being admitted to examination, the difference between the maximum fee for such degree and the sum of the fees paid by them as special students.

Holders of university fellowships are exempt from all charges for tuition.

The fees for examination for the several degrees are as follows :

For bachelor of arts.....	\$15
For master of arts.....	25
For doctor of philosophy.....	35

## Courses of Study and Research for 1895-6

The various departments mentioned below issue special circulars describing in detail the courses to be given, the departmental equipment, and the other facilities which they offer to students. Applications for such circulars should be made to one of the professors of the respective departments.

### PHILOSOPHY, PSYCHOLOGY, AND EDUCATION

NICHOLAS MURRAY BUTLER, Ph.D.....	<i>Professor</i>
JAMES MCKEEN CATTELL, Ph.D.....	<i>Professor</i>
MOSES ALLEN STARR, A.M., M.D.....	<i>Professor</i>
JAMES HERVEY HYSLOP, Ph.D.....	<i>Professor</i>
LIVINGSTON FARRAND, A.M., M.D.....	<i>Instructor</i>
NORMAN WILDE, Ph.D.....	<i>Assistant</i>
WALTER LOWRIE HERVEY, Ph.D.....	<i>Professor in the Teachers College</i>
JOHN FRANCIS WOODHULL, A.B.....	<i>Professor in the Teachers College</i>
CHARLES ALPHEUS BENNETT, B.S.....	<i>Professor in the Teachers College</i>
JOHN FRANKLIN REIGART, A.B.....	<i>Professor in the Teachers College</i>
CLARENCE EDMUND MELENEY, A.M.....	<i>Professor in the Teachers College</i>
FRANK THOMAS BAKER, A.M.....	<i>Professor in the Teachers College</i>

### General Statement

The courses of this department fall into three divisions : those on philosophy, those on psychology, and those on education. In each division are courses best described as introductory, the aim of which is to furnish a general acquaintance with the main subdivisions of philosophy and education as a whole. The course known as Philosophy A, I and II ; Psychology I and II ; and Education I and II, are of this character. By the use of the historical and comparative methods of study and exposition, students in these courses are introduced to a general survey of their respective subjects.

Philosophy A is required of all members of the Junior class in the School of Arts. Philosophy I and II, Psychology I, IV, VI, and VII, and Education I and II are open to Seniors in the School of Arts and other candidates for the degree of A.B.

The remaining courses in each division are intended primarily for advanced students. The advanced courses are planned with reference to each other, and a student remaining three years in the department may hear courses that cover the entire range of modern philosophy.

All the courses offered by this department, except Philosophy A and Psychology V, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College.

### Courses in Philosophy

A—PSYCHOLOGY AND LOGIC—Baldwin's Elements of Psychology, James's Psychology, Hyslop's Elements of Logic. Lectures, practical exercises, and recitations. Professor HYSLOP and Dr. WILDE

Section II, M. and Th. at 1.30 ; Section I, Tu. and F. at 1.30, Room 45 H. H.

Course A may not be counted toward the degree of master of arts or doctor of philosophy

a I—GENERAL HISTORY OF PHILOSOPHY—Zeller's Outlines of Greek Philosophy, Falckenberg's History of Modern Philosophy, and Windelband's History of Philosophy. Lectures, essays, and private reading. Professor BUTLER and Dr. WILDE

M. and W. at 2.30, Room 40, H. H.

a II—ETHICS, INTRODUCTORY COURSE—Hyslop's Elements of Ethics. Lectures, essays, and discussions. Professor HYSLOP and Dr. WILDE

Tu. and Th. at 2.30, Room 46, H. H.

a III—THE PHILOSOPHY OF KANT AND HIS SUCCESSORS—Fichte, Schelling, Hegel, Herbart, and Schopenhauer. Lectures, essays, and private reading. Professor BUTLER

M. and W. at 3.45, Room 46, H. H.

Given in 1895-6, and each alternate year thereafter

a IV—BRITISH PHILOSOPHY FROM LOCKE TO HERBERT SPENCER—History and criticism of the association psychology and the philosophy of evolution. Locke's Essay on the Human Understanding, Berkeley's Principles of Hu-



man Knowledge, Hume's Treatise on Human Nature; the writings of Hartley, Brown, the Mills, and Bain; Herbert Spencer's First Principles. Lectures, essays, and private reading. Professor BUTLER

M. and W. at 3.45, Room 46, H. H.

Given in 1896-7, and each alternate year thereafter

*a* V—PRACTICAL ETHICS—Lectures, private reading, observation, essays, and discussion. Professor HYSLOP

M. and W. at 2.30, Room 16, H. H.

Given in 1895-6, and each alternate year thereafter

*a* VI—SYSTEMATIC ETHICS—Lectures, discussions, and essays. Dr. HYSLOP

M. and W. at 2.30, Room 16, H. H.

Given in 1896-7, and each alternate year thereafter

VII—PHILOSOPHICAL SEMINAR. Professor BUTLER

Hour to be arranged

VIII—ETHICAL SEMINAR. Professor HYSLOP

Hour to be arranged

### Courses in Psychology

*a* I—PHYSIOLOGICAL PSYCHOLOGY, INTRODUCTORY COURSE—Lectures and laboratory work. Dr. FARRAND

Tu. at 10.30, W. 9.30-11.30, psychological laboratory

*a* II—PHYSIOLOGICAL PSYCHOLOGY, ADVANCED COURSE—Lectures and laboratory work. Dr. FARRAND

Hours to be arranged; psychological laboratory

*a* III—ABNORMAL AND PATHOLOGICAL PSYCHOLOGY—Lectures, essays, and discussions. Dr. FARRAND

Th. at 12.30, psychological laboratory

*a* IV—ANTHROPOLOGY—Lectures, essays, and private reading. Two hours weekly. Dr. FARRAND

Tu. 10.30-12.30 psychological laboratory

V—DISEASES OF THE MIND AND NERVOUS SYSTEM—Lectures and demonstrations. One hour weekly. Professor STARR

Tu., 4-5, College of Physicians and Surgeons

This course consists of didactic lectures on the diseases of the nervous system, illustrated fully by diagrams, models, and lantern slides. In each alternate year diseases of the mind are described. The course is intended for medical students, but the introductory lectures upon anatomy and physiology of the nervous system, and the lectures upon the diseases of the mind, are recommended to students of psychology

*a* VI—EXPERIMENTAL PSYCHOLOGY, INTRODUCTORY COURSE—Lectures, themes, and laboratory work. Professor CATTELL

Fr. 11.30-1.30, psychological laboratory

*a* VII—EXPERIMENTAL PSYCHOLOGY—Additional work in connection with Course VI. Two hours weekly. Professor CATTELL

Hours to be arranged

*a* VIII—MEMORY, IMAGERY, ASSOCIATION, AND ATTENTION—Lectures, laboratory work, and reports. Professor CATTELL

Tu. 11.30–1.30, psychological laboratory

*a* IX—RESEARCH WORK IN EXPERIMENTAL PSYCHOLOGY. Professor CATTELL

Daily, psychological laboratory

### Courses in Education

*a* I—HISTORY OF EDUCATIONAL THEORIES AND INSTITUTIONS: Aristotle and the ancient educational ideals, Alcuin and the rise of the Christian schools, Abelard and the foundation of the universities, Loyola and the educational system of the Jesuits; the educational reformers, Rousseau, Pestalozzi, and Froebel; Herbart and philosophical study of education—Conferences, occasional lectures, essays, and private reading. Professor BUTLER

Th. at 2.30, Room 46, H. H.

*a* II—PRINCIPLES OF EDUCATION: psychology of childhood, didactics, the ethical and religious element in education—Conferences, occasional lectures, essays, and private reading. Professor BUTLER

Th. at 3.30, Room 46, H. H.

This course requires also two hours per week (counting as one hour) to be spent in observation and practice-teaching at the Teachers College

III—EDUCATIONAL SEMINAR—One hour weekly. Professor BUTLER

Hour to be arranged

*The following courses are given at the Teachers College, Morningside Heights, 120th Street, West:*

IV—PSYCHOLOGY AND GENERAL METHOD—Observation in Horace Mann School, criticism and preparation of typical lessons, lectures, reports, and private reading. Professor REIGART

Tu. and Th. at 11.30

V—METHODS OF TEACHING IN ELEMENTARY SCHOOLS—Lectures, observation, and practical exercises. One and a half hours weekly. Professor MELENEY

W. and F. at 10.50, or S. at 10.30

VII—INSTITUTES OF EDUCATION—Laurie's Institutes of Education, Rosenkranz's Philosophy of Education, Herbart's Science of Education, Rein's Outlines of Pedagogics—Lectures, essays, and private reading. Professor HERVEY

Tu. at 2

VIII—METHODS OF TEACHING ENGLISH IN SECONDARY SCHOOLS—Study of typical forms of literature; methods of teaching; observation and practice. Two hours weekly. Professor BAKER

S. at 10.30

First half-year only

See also Rhetoric III



IX—METHODS OF TEACHING FOR SECONDARY SCHOOLS—History, Latin, and Greek, mathematics—Lectures, observation of typical lessons, criticism, reports, and private reading. Two hours weekly. Professors HERVEY and REIGART

Fr. at 2

X—METHODS OF TEACHING SCIENCE IN ELEMENTARY AND SECONDARY SCHOOLS—Lectures, essays, and practical exercises. Three hours weekly. Professor WOODHULL

M. at 2

XI—MANUAL TRAINING IN ELEMENTARY AND SECONDARY SCHOOLS—History and principles; courses, equipments, and methods of teaching—Lectures, essays, and practical exercises. Two hours weekly, first half-year. If accompanied with practice, four to six hours weekly the entire year. Professor BENNETT

Tu. and F. at 2

XIII—METHODS OF TEACHING FRENCH AND GERMAN

Not given in 1895-6. See French XIII

XIV—READING AND DISCUSSION OF GERMAN AND FRENCH WORKS ON EDUCATION IN THE ORIGINAL TEXT—Lectures, essays, and discussion. Two hours weekly.

Not given in 1895-6

XVI—SCHOOL SUPERVISION—Lectures, reports, and practical exercises. Three hours weekly. Professor MELENEY

S. at 11.30

## STUDY OF LANGUAGE

I—INTRODUCTION TO THE STUDY OF LANGUAGE. Professors JACKSON and GOTTHEIL

M. and W. at 10.30

This course is open to all university students

By agreement between the several philological departments a course of two hours weekly, consisting of lectures and exercises, will be offered in each year under the foregoing title. This course is designed to serve as a preparation for advanced studies in any field of linguistic research, and will, it is believed, prove of great value to all university students who look forward to such investigations. It will be the object of the instructor to illustrate, from the points of view of the psychologist and of the phonetician respectively, the conditions of the existence of language, both as a psychical and as a physical product, and the laws which regulate its differentiation, decay, and growth. The course will be taken with most profit by those who have had a good preliminary training in psychology and in the elements of phonetics

## LITERATURE

GEORGE EDWARD WOODBERRY, A.B. .... *Professor*  
BRANDER MATTHEWS, A.M., LL.B. .... *Professor*

Of the courses offered by this department, I to III are open to all university students ; IV only to students who have already taken I ; V to graduates, and to specially qualified Seniors in the School of Arts

I—THE THEORY, HISTORY AND PRACTICE OF CRITICISM—Plato, Aristotle, Horace, Sidney, Boileau, Dryden, Lessing, Coleridge, Wordsworth, Shelley, with critical study of the greater works of imaginative literature. Professor WOODBERRY

Tu., W., and Th., at 12.30

II—THE HISTORY OF MODERN FICTION. Professor BRANDER MATTHEWS  
Two hours weekly

Not given in 1895-6

III—THE EPOCHS OF THE DRAMA—Greek, Latin, Spanish, English, French, German. Professor BRANDER MATTHEWS  
Tu. and Th. at 2.30

IV—THE PRACTICE OF CRITICISM—Advanced course. Conferences and dissertations. Professor WOODBERRY  
Three hours weekly

V—MOLIÈRE AND HIS INFLUENCE ON ENGLISH COMEDY. Professor BRANDER MATTHEWS  
W. at 1.30

For additional courses by Professors Woodberry and Brander Matthews, see Departments of English and of Romance Languages

### ORIENTAL LANGUAGES

RICHARD J. H. GOTTHEIL, Ph.D.....*Professor*  
A. V. WILLIAMS JACKSON, Ph.D.....*Professor*  
ABRAHAM YOHANNAN, A.M.....*Lecturer*

All the courses in Oriental languages are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

### SEMITIC LANGUAGES

Courses I, II, III, IV, X, XIII, XV, XVI, XVII, XVIII are open to all university students ; courses V, VI, VII, VIII, IX, XI, XIV, to advanced students only. Course I is open also to Juniors in the School of Arts

### Courses in Hebrew

The course in Hebrew extends over three years. The first year is devoted to the study of the elements ; the second to the study of the syntax and the acquiring of ease in translating from Hebrew into English and from English into Hebrew ; the third to a critical study of one or more books of the Bible

The attention of students in the School of Arts is directed to the fact that it is desirable that those who intend entering a theological seminary after graduation shall have had at least two years' previous training in Hebrew. Opportunity for this training is given the students of Columbia College, Hebrew being an elective in both the Junior and Senior classes.

I—BIBLICAL HEBREW, ELEMENTARY COURSE—Harper's Hebrew Method and Manual; Harper's Elements of Hebrew: both published by Scribners, New York. Professor GOTTHEIL

M. and W. at 4.30

II—BIBLICAL HEBREW, SECOND COURSE—Rapid reading of the Books of Samuel in connection with Gesenius' Hebräische Grammatik (25th ed.) and Driver's Hebrew Tenses (3d ed.). Professor GOTTHEIL

M. and Th. at 3.30

First half-year only

III—BIBLICAL HEBREW, THIRD COURSE—Critical study of the Book of Jeremiah. Professor GOTTHEIL

M. and Th., at 3.30

Second half-year only

IV—RABBINICAL HEBREW—Interpretation of selected portions of the Mishnah. Professor GOTTHEIL

Tu. at 4.30

First half-year only.

V—RABBINICAL HEBREW—Interpretation of a treatise of the Talmud, with an introduction to the Talmudic literature. Professor GOTTHEIL

Tu. at 4.30

Second half-year only

For Courses IV and V, a previous knowledge of Biblical Hebrew is demanded

VI—RABBINICAL HEBREW—Selected portions of Maimonides' Guide of the Perplexed, with an introduction to Middle-Age Jewish Philosophy. Professor GOTTHEIL

Tu. at 1.30

Second half-year only

### Courses in Epigraphy

VII—INTERPRETATION OF THE PHŒNICIAN INSCRIPTIONS, with an introduction to Semitic epigraphy. Professor GOTTHEIL

Given in 1896-7

VIII—INTERPRETATION OF THE ARAMÆAN INSCRIPTIONS OF SINJIRLI (Mittheilungen aus den Orientalischen Sammlungen, Heft xi., Berlin, 1893), and of the Corpus Inscriptionum Semiticarum, vol. ii. Professor GOTTHEIL

Given in 1897-8

IX—INTERPRETATION OF THE SABÆAN AND HIMYARITIC INSCRIPTIONS of the Corpus Inscriptionum Semiticarum, vol. iv. Professor GOTTHEIL

W. at 1.30

Second half-year only

For Courses VII and VIII, which are open to advanced students only, a previous knowledge of Hebrew and Aramæan respectively is demanded: for Course IX, a previous knowledge of Arabic

### Courses in Assyrian

X—ELEMENTARY COURSE—Study of the Syllabary, with readings from selected portions of Abel and Winckler's *Keilschrifttexte zum Gebrauch bei Vorlesungen*, Berlin, 1890, and a study of Delitzsch's *Assyrian Grammar*. Professor GOTTHEIL

M. and Th. at 2.30

XI—ADVANCED COURSE—The Babylonian accounts of the creation and flood (Paul Haupt, *Das Babylonische Nimrodepos*, and Fr. Delitzsch, *Assyrische Lesestücke*, 3d ed.). *Assyrian Syllabaries*. Professor GOTTHEIL

Given in 1896-7

### Courses in Arabic

XII—ELEMENTARY COURSE—Study of Socin's *Arabic Grammar* with exercises in translating Arabic into English, and English into Arabic. Professor GOTTHEIL

Tu. and W. at 3.30

First half-year only

XIII—SECOND COURSE—Study of Brünnow's *Chrestomathie aus arabischen Prosaschriftstellern*, Berlin, 1895. Professor GOTTHEIL

Tu. and W. and 3.30

Second half-year only

XIV—THIRD COURSE—Advanced work. Professor GOTTHEIL

Given in 1896-7

### Courses in Syriac

XV—ELEMENTARY COURSE—First half-year, Nöldeke's *Syrische Grammatik*, in connection with selected readings from the Peshitta. Second half-year, interpretation of Cureton's *Spicilegium Syriacum*, London, 1855. Professor GOTTHEIL

Given in 1896-7

XVI—ADVANCED COURSE—Reading of Hoffmann's *Julianos der Abtrünnige*, and of the *Palestinian Syriac Gospels*. Professor GOTTHEIL

Tu. and W. at 2.30

### Course in Ethiopic

XVII—PRINCIPLES OF THE GRAMMAR AND EASY READINGS, in connection with Prætorius' *Aethiopische Grammatik*, Karlsruhe, 1886. Professor GOTTHEIL

W. at 1.30

First half-year only

### Semitic Seminar

XVIII—The Seminar for 1895-6 will take up the study of current questions in Semitic linguistics, with especial reference to modern methods of philological research. Professor GOTTHEIL

Tuesday evening at 8.15

Attendance at the Seminar meetings will be obligatory upon candidates for the degrees of master of arts and doctor of philosophy, whose major subject is in Semitic languages

### SANSKRIT

The courses of instruction in the department of Sanskrit are intended to be introductory to the study of comparative philology, and of the history of religion, as well as to the study of the history, antiquities, and literature of India. The course arranged for beginners, Sanskrit I, may be taken with advantage in connection with any of the Latin, Greek, or other linguistic courses

Course I is open to all university students ; Courses II, III, and IV to advanced students only

### Courses

*a* I—SANSKRIT, ELEMENTARY COURSE—Whitney's Grammar, Perry's Primer, Lanman's Reader. Professor JACKSON

M. and W. at 1.30, F. at 12.30

*a* II—SANSKRIT, ADVANCED COURSE—Manu, or a Sanskrit drama. Professor JACKSON

M. and W. at 2.30

First half-year only

*a* III—SANSKRIT, ADVANCED COURSE—Second half-year. Introduction to the study of the Veda. Professor JACKSON

M. and W. at 2.30

Second half-year only

*a* IV—PALI, ELEMENTARY COURSE—E. Müller's Simplified Pāli Grammar, Elwell's Nine Jātakas. Professor JACKSON

Th. at 9.30

### Lectures

A course of afternoon lectures on the literature and religion of ancient India, open to all students of the university and to auditors, will be given during the winter, beginning on the first Wednesday in December, and continuing for six successive Wednesdays, with the usual intermission of the holidays. The lectures will be given at 2.30

See also Iranian Languages

### IRANIAN LANGUAGES

Courses I, III, and IV are open to all university students ; Courses II, V, VI, and VII to advanced students only



## Courses

*a* I—AVESTAN, ELEMENTARY COURSE—Grammar and reading of texts. Jackson's Avesta Series: Part I, Grammar; Part II, Texts. Professor JACKSON

W. and F. at 12.30

*a* II—AVESTAN, ADVANCED COURSE—Interpretation of texts, antiquities, and literature. Geldner's Avesta-text. Professor JACKSON

M. and W. at 12.30

*a* III—OLD PERSIAN CUNEIFORM INSCRIPTIONS—Spiegel's *Die altpersischen Keilschriften*, Bartholomae's *Handbuch der altiranischen Dialekte*. Professor JACKSON

Th. at 1.30

First half-year only

This course is to run parallel with the Advanced Avestan

*a* IV—PAHLAVI, INTRODUCTORY COURSE—C. de Harlez' *Manuel du Pehlevi*. Professor JACKSON

Th. at 1.30

Second half-year only

An introduction into this language will be given in connection with the second course; and a number of Avestan selections will be studied side by side with the Pahlavi translations

*a* V—ZOROASTER AND HIS TEACHING—Lectures. Professor JACKSON

M. at 11.30

Given in 1896-7 and each alternate year thereafter

*a* VI—LECTURES ON COMPARATIVE IRANIAN GRAMMAR. Professor JACKSON

Tu. at 2.30

Given in 1896-7 and each alternate year thereafter

Second half-year only

*a* VII—MODERN PERSIAN, INTRODUCTORY COURSE. First half-year, grammar and reading. Salemann and Shukovski's *Persische Grammatik*. Second half-year, interpretation of Sa'di's *Gulistān*. Mr. YOHANNAN

Tu. and F. at 1.30

## Course in Armenian

PRINCIPLES OF THE GRAMMAR WITH SELECTED READINGS—Mr. YOHANNAN

Th. at 2.30

Second half-year only

## Lectures

A course of afternoon lectures on the literature, religion, and antiquities of Persia will be given as a continuation of the Wednesday afternoon course announced above under Sanskrit. These lectures will begin in February, and will be open to all students of the university and to auditors



## Courses in Semitic Languages at the Union Theological Seminary

Full announcement of these courses will be made in the circular soon to be issued by the departments of Oriental Languages. Such courses may be counted as part of the work required for the degrees of master of arts and doctor of philosophy

### GREEK

HENRY DRISLER, LL.D.....	<i>Professor (Emeritus)</i>
EDWARD DELAVAN PERRY, Ph.D.....	<i>Professor</i>
JAMES RIGNALL WHEELER, Ph.D.....	<i>Professor</i>
CLARENCE HOFFMAN YOUNG, A.M., Ph.D.....	<i>Instructor</i>

### Courses

Courses I, II, III, IV, V, VI, VII, and VIII are open to all university students ; Courses IX, X, XI, and XII are open to advanced students only

Courses I and II may not be counted toward the degree of master of arts or doctor of philosophy

All the courses in this department, except I and II, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

I—SOPHOCLES, CŒDIPUS TYRANNUS AND ANTIGONE ; DEMOSTHENES, ORATION ON THE CROWN. Exercises in writing Greek, optional. Professor PERRY and Dr. YOUNG

M., Tu., and Th. at 10.30

II—ÆSCHYLUS, PROMETHEUS AND PERSÆ ; THUCYDIDES, BOOK VII, AND PLUTARCH, LIFE OF NICIAS. Professor WHEELER

W. and F. at 10.30

a III—LECTURES ON GREEK LITERATURE ; PART I, POETRY. Professor WHEELER

Tu. and Th. at 9.30

a IV—THE LYRIC AND BUCOLIC POETS ; reading and lectures. Professor PERRY

Tu. and Th. at 11.30, and F. at 10.30

a V—PLATO, PHÆDO ; ARISTOTLE, POETICS ; EURIPIDES, FOUR PLAYS ; theses. Professor WHEELER

M., W., and F. at 9.30

a VI—GREEK TESTAMENT : GOSPEL OF ST. MATTHEW, and ACTS OF THE APOSTLES. Dr. YOUNG

Tu. and Th. at 1.30

First half-year only

a VII—GREEK TESTAMENT : EPISTLE TO THE ROMANS, FIRST AND SECOND EPISTLE TO THE CORINTHIANS. Dr. YOUNG

Tu. and Th. at 1.30

Second half-year only

*a* VIII—LECTURES ON THE MANNERS AND CUSTOMS OF THE ANCIENT GREEKS, with readings from Pausanius, Book I; illustrated by stereopticon views, etc. DR. YOUNG

M. and W. at 3.30

*a* IX—GREEK GRAMMAR, PHONOLOGY AND MORPHOLOGY; lectures and exercises. Professor PERRY

Tu. and Th. at 2.30

A third hour may be given, on F. at 10.30

*a* X—INTRODUCTION TO GREEK EPIGRAPHY; lectures and exercises. Professor WHEELER

Tu. and Th. at 10.30

A third hour may be given

XI—RAPID READING OF ARISTOPHANES. Professors PERRY and WHEELER  
1 or 2 hours a week

Course XI will be given only if three or more well-qualified candidates apply for it. It will be open to graduates (men) only

*a* XII—GREEK SEMINAR. Professors PERRY and WHEELER

Work to be determined later

### Courses in New Testament Greek at the Union Theological Seminary

Full announcement of these courses will be given in the forthcoming special circular concerning courses in Classical Philology. These courses at the seminary may be offered as part of the work required for the degrees of master of arts and doctor of philosophy

#### LATIN

HARRY THURSTON PECK, Ph.D., L.H.D.....	<i>Professor</i>
JAMES CHIDESTER EGBERT, Jr., A.M., Ph.D.....	<i>Adjunct Professor</i>
NELSON GLENN MCCREA, Ph.D.....	<i>Instructor</i>
HENRY JAGOE BURCHELL, Jr.....	<i>Lecturer</i>

Courses I, II, III, IV, V, VI, VII are open to all university students; Course VIII is open to advanced students only. Courses III and IV are also open to specially qualified Juniors in the School of Arts

All the courses in this department, except Latin I, II, III, and IV, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

#### Courses

I—SATIRES OF JUVENAL. Professor EGBERT

Tu. and W. at 2.30

First half-year only

II—EPIGRAMS OF MARTIAL. Professor EGBERT

Tu. and W. at 2.30

Second half-year only

III—LUCRETIUS DE RERUM NATURA—Lectures on the Epicurean Philosophy. Dr. MCCREA  
Tu. and F. at 10.30

IV—PLAUTUS, FOUR PLAYS—Lectures on Roman Comedy. Dr. MCCREA  
Tu. and Th. at 12.30

a V—INTRODUCTION TO THE STUDY OF LATIN INSCRIPTIONS. Professor EGBERT  
M. and W. at 1.30

a VI—RAPID READING OF THE WHOLE OF HORACE. Professor PECK  
M. and W. at 9.30

a VII—THE CENA TRIMALCHIONIS OF PETRONIUS. Professor PECK  
M. and W. at 10.30

a VIII—LECTURES ON THE HISTORY OF CLASSICAL PHILOLOGY, from the fifth century B.C. to the present time. Professor PECK  
M. and W. at 2.30

Special courses in Prose and Verse Composition may be arranged after consultation with Professor Peck

a IX—THE HISTORIES AND DIALOGUES OF TACITUS. Professor EGBERT  
Two hours weekly

a X—ECCLESIASTICAL LATIN. Readings from Tertullian and St. Augustine. Professor EGBERT  
One hour weekly

a XI—ADVANCED COURSE IN LATIN EPIGRAPHY—Tituli Sepulcrales, Tituli Operum Publicorum, Instrumenta. Professor EGBERT  
One hour weekly

## GERMANIC LANGUAGES AND LITERATURES

HJALMAR HJORTH BOYESEN, Ph.D. .... *Professor*  
WILLIAM HENRY CARPENTER, Ph.D. .... *Professor*  
EUGENE HOWARD BABBITT, A.B. .... *Instructor*

Courses I, II, III, IV, V, VII, VIII, IX, and X are open to all university students; Course VI to advanced students only. Provision will be made for students desiring to begin German

All the courses in this department, except I, II, III, IV, and VIII, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

### German

I—GOETHE'S FAUST—First and second parts with commentary. Professor BOYESEN

W. and F. at 9.30

II—HISTORY OF GERMAN LITERATURE—Lectures. Professor BOYESEN

M. and Th. at 9.30

III—SELECTED HISTORICAL PROSE, chiefly from Freytag's *Bilder aus der deutschen Vergangenheit*—Reading at sight. Mr. BABBITT

M. at 2.30 and W. at 3.30

IV—HISTORY OF THE GERMAN LANGUAGE—Lectures. The German language to Luther (first half-year). From Luther to Lessing, with reading of texts (second half-year). Professor W. H. CARPENTER

M. and W. at 3.30

*a* V—MIDDLE HIGH GERMAN—Wright, *Middle High German Primer*; Paul, *Mittelhochdeutsche Grammatik*; Weinhold, *Mittelhochdeutsches Lesebuch*. Professor W. H. CARPENTER

M. and W. at 2.30

*a* VI—SEMINAR—Critical study of special periods in German literature. One hour weekly. Professor BOYESEN

Hour to be arranged

### Gothic

*a* VII—GOTHIC—Wright, *Primer of the Gothic Language*; Braune, *Gothic Grammar*; Bernhardt, *Die gotische Bibel*. Professor W. H. CARPENTER

F. at 2.30

### Scandinavian

VIII—ICELANDIC, ELEMENTARY COURSE—Sweet, *Icelandic Primer*; Vigfusson and Powell, *Icelandic Prose Reader*; Wilken, *Die prosaische Edda*. Professor W. H. CARPENTER

Tu. and Th. at 12.30

*a* IX—HISTORY OF SCANDINAVIAN LITERATURE—Lectures. Professor BOYESEN

Tu. and W. at 2.30

### Germanic Philology

*a* X—GENERAL INTRODUCTION TO GERMANIC PHILOLOGY—Lectures. Professor W. H. CARPENTER

Tu. and Th. at 3.30

### ENGLISH

#### English Language and Literature

THOMAS RANDOLPH PRICE, M.A., LL.D. .... *Professor*  
A. V. WILLIAMS JACKSON, A.M., Ph.D. .... *Professor*

Courses I, II, III, VI, VII, VIII, XII, XIII, and XIV are open to all university students; Courses IV, V, and IX are open to advanced students only; Courses I, III, VI, XII, and XIII are also open to specially qualified Juniors in the School of Arts, with the consent of the Dean of that School and the Professor in charge of the course

Courses I, II, III, IV, V, VI, VIII, IX in this department are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

I—SHAKSPERE—LANGUAGE, VERSIFICATION, AND METHOD OF DRAMATIC POETRY. Text: Cambridge Text of Shakspere. Professor PRICE

W. at 10.30 and F. at 11.30

II—CHAUCER—LANGUAGE, VERSIFICATION, AND METHOD OF NARRATIVE POETRY. Text: Skeat's Student's Edition of Chaucer. Professor PRICE

Tu. at 12.30 and F. at 10.30

III—POPE—LANGUAGE, VERSIFICATION, AND POETICAL METHOD. Text: Ward's edition of Pope's Poetical Works. Professor PRICE

M. and Th. at 12.30

IV—ANGLO-SAXON PROSE AND HISTORICAL ENGLISH SYNTAX—Texts: Prose in Sweet, Bright, and Grein's *Prosa*, with investigation of special questions and writing of essays. Professor PRICE

Tu. at 11.30 and Th. at 10.30

V—ENGLISH LANGUAGE AND LITERATURE OF THE FOURTEENTH (EXCLUSIVE OF CHAUCER) AND OF THE FIFTEENTH CENTURIES, with reading of selected authors, investigation of special questions, and writing of essays. Professor PRICE

M. and W. at 11.30

VI—ANGLO-SAXON LANGUAGE AND HISTORICAL ENGLISH GRAMMAR. Professor JACKSON

Tu. and Th. at 11.30

VII—ANGLO-SAXON LITERATURE, POETRY, AND PROSE. Professor JACKSON

W. and F. at 11.30

First half-year only

VIII—ENGLISH FROM THE ELEVENTH TO THE THIRTEENTH CENTURIES. Professor JACKSON

W. and F. at 11.30

Second half-year only

IX—ARCHAIC AND DIALECTIC ANGLO-SAXON. Professor JACKSON

Th. at 3.30

Second half-year only

XII—EIGHTEENTH CENTURY LITERATURE. Professor WOODBERRY

W. and F. at 11.30

XIII—AMERICAN LITERATURE. Professor BRANDER MATTHEWS

Tu. and Th. at 1.30

XIV—THE ART OF ENGLISH VERSIFICATION. Professor BRANDER MATTHEWS

W. at 2.30

# RHETORIC AND ENGLISH COMPOSITION

GEORGE RICE CARPENTER, A.B.....*Professor*

WILLIAM TENNEY BREWSTER, A.M.....*Tutor*

.....*Tutor*

Courses I and II are open to all university students; Course III to advanced students only

I—ENGLISH COMPOSITION—Daily themes and fortnightly essays. Lectures and consultations. Professor G. R. CARPENTER

Tu. and Th. at 2.30

First half-year only

II—ENGLISH COMPOSITION, ADVANCED COURSE—Lectures and discussions in regard to style ; essays and other written work. Professor CARPENTER

Tu. and Th. at 2.30

Second half-year only

a III—SEMINAR—The history of rhetoric ; a study of methods of teaching rhetoric and English composition. Lectures, conferences, and practical exercises—Two hours weekly. Professor G. R. CARPENTER

Hours to be arranged

Not given in 1895-6

### ROMANCE LANGUAGES AND LITERATURES

ADOLPH COHN, LL.B., A.M. ....	<i>Professor</i>
HENRY ALFRED TODD, Ph.D. ....	<i>Professor</i>
CARLO LEONARDO SPERANZA, LL.B., A.M. ....	<i>Instructor</i>
BENJAMIN DURYEA WOODWARD, Ph.D. ....	<i>Instructor</i>
LOUIS MARIE AUGUSTE LOISEAUX. ....	<i>Tutor</i>
— . . . . .	<i>Lecturer</i>

Courses VII and VIII in French in this department are given by Professor Brander Matthews of the Department of Literature

All the courses offered by this department, except French A, B, I, II, III, IV, VII, and VIII, Italian I and II, and Spanish I and II, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

### French

ELEMENTARY COURSE. Three hours weekly, first half-year. Dr. WOODWARD

Intended for advanced students who have not studied French before entering college, and who are willing to work hard enough to be able to join Course A at the beginning of the second term. Cannot be counted for a degree

A—GRAMMAR, READING, AND COMPOSITION. Mr. LOISEAUX and Mr. —  
M. and W. at 9.30, Th. at 1.30

B—GENERAL INTRODUCTION TO THE STUDY OF FRENCH LITERATURE :  
COMPOSITION. Dr. WOODWARD and Mr. —

Tu., W., and F. at 9.30

I—FRENCH RHETORIC. Mr. LOISEAUX

M., W., and F. at 2.30

Course I is open only to students who have taken Course B or its equivalent



## II—HISTORY OF FRENCH LITERATURE IN THE SEVENTEENTH CENTURY.

Professor COHN

M., W., and F. at 9.30

Course II is open only to students who have taken Course B or its equivalent

The following courses are open only to students who have taken Course II or its equivalent :

## III—HISTORY OF FRENCH LITERATURE IN THE EIGHTEENTH CENTURY :

VOLTAIRE. Professor COHN

M., W., and F. at 12.30

## IV—HISTORY OF FRENCH LITERATURE IN THE EIGHTEENTH CENTURY :

Montesquieu, Rousseau, the Encyclopedists. Professor COHN

M., W., and F. at 12.30

Not given in 1895-6. Will be given in 1896-7

*a* V—HISTORY OF FRENCH POETRY IN THE FIRST HALF OF THE NINETEENTH CENTURY, especially Victor Hugo and the romantic movement. Professor COHN

Tu. at 11.30

*a* VI—HISTORY OF LITERARY CRITICISM IN FRANCE, ESPECIALLY SAINTE-BEUVE AND BRUNETIÈRE. Professor COHN

Tu. at 3.30

Not given in 1895-6. Will be given in 1896-7

VII—THE FRENCH DRAMATISTS OF THE NINETEENTH CENTURY. Professor BRANDER MATTHEWS

Tu. and Th. at 2.30

Not given in 1895-6. Will be given in 1896-7

VIII—MOLIÈRE AND HIS DRAMATIC METHOD. Professor BRANDER MATTHEWS

W. at 1.30

First half-year only

*a* IX—WRITERS OF THE SIXTEENTH CENTURY, ESPECIALLY MONTAIGNE. Mr. LOISEAUX

One hour weekly

*a* X—CRITICAL BIBLIOGRAPHY OF FRENCH LITERATURE FROM THE SIXTEENTH TO THE NINETEENTH CENTURY. Professor COHN, Dr. WOODWARD and Mr. LOISEAUX

Two hours weekly

*a* XI—OLD FRENCH—Reading of selected extracts. Dr. WOODWARD

Tu. and Th. at 2.30

First half-year only

*a* XII—THE FRENCH CHRONICLERS OF THE MIDDLE AGES—Villehardouin, Joinville, Froissart, Comines. Dr. WOODWARD

Tu. and Th. at 2.30

Second half-year only

*a* XIII—METHODS OF TEACHING FRENCH. Professor COHN  
Two hours weekly

XIV—SEMINAR: SPECIAL TOPICS IN FRENCH LITERATURE. In 1895-6  
the subject will be: Historians and philosophers of the nineteenth century.  
Professor COHN  
Two hours weekly

### Optional Courses

FRENCH CONVERSATION—Elementary course. One hour a week. Mr.  
LOISEAUX

FRENCH CONVERSATION—Advanced course. One hour a week. Mr.  
LOISEAUX

For other courses in French see under Romance Philology

### Provençal

I—OLD PROVENÇAL. Professor TODD  
Once weekly, two consecutive hours.

For other courses in Provençal see under Romance Philology

### Italian

I—ELEMENTARY COURSE—Grammar, reading, and composition. Mr.  
SPERANZA  
M., W., and F. at 9.30

II—COMPOSITION. PROSE AND POETRY OF THE SIXTEENTH CENTURY.  
Mr. SPERANZA  
M., W., and F. at 10.30

*a* III—COMPOSITION. PROSE AND POETRY OF THE FOURTEENTH CENTURY.  
Mr. SPERANZA  
M., W., and F. at 2.30

*a* IV—CRITICAL STUDY OF DANTE'S DIVINA COMMEDIA. Two hours weekly  
for two years. Mr. SPERANZA

*a* V—HISTORY OF ITALIAN LITERATURE—Lectures and private reading.  
Mr. SPERANZA  
W. at 3.30

For other courses in Italian see under Romance Philology

### Spanish

I—ELEMENTARY COURSE—Grammar, reading, and composition. Professor  
TODD and Mr. LOISEAUX  
Tu. at 1.30, W. and Th. at 9.30

II—SPANISH SYNTAX; DON QUIJOTE. Mr. SPERANZA  
M., Th., and F. at 1.30

*a* III—COMPOSITION. LITERATURE OF THE GOLDEN AGE. MR. ———  
Three hours weekly

*a* IV—THE ORIGINS OF SPANISH POETRY. *El Poema del Cid*. Professor TODD  
One hour weekly

V—HISTORY OF SPANISH LITERATURE—Lectures and private reading.  
Professor COHN  
W. at 4.30.

For other courses in Spanish see under Romance Philology

### Romance Philology

I—INTRODUCTION TO ROMANCE PHILOLOGY. Professor TODD  
Tu. and F. at 3.30

II—THE FORMATIVE ELEMENTS OF ROMANCE SPEECH. Professor TODD  
One hour weekly  
Not given in 1895-6. Will be given in 1896-7

III—OLD FRENCH DIALECTS. Professor TODD  
One hour weekly  
Not given in 1895-6. Will be given in 1896-7

IV—SEMINAR. First half-year—The oldest monuments of the French language. Second half-year—Romances of Chrétien de Troyes  
Two hours weekly. Professor TODD

For other courses see under French, Provençal, etc., also Latin VIII

### Portuguese and Roumanian

In case there should be a demand on the part of competent students, provision will be made for the teaching of Portuguese and Roumanian

### French Lectures, etc.

Once a week a lecture will be given in French by one of the instructors in the department, or by invited lecturers. The name of the lecturer and the subject will be announced one week in advance. Other lectures will be given in English upon subjects connected with the work of the department. All these lectures are open to all members of the university, and to auditors

### Romance Club

Reports on the most important articles in leading periodicals are given at stated times in the meetings of the Romance Club

### Consultation Hours

Students desiring to consult the Dean or any officer of instruction in the Faculty of Philosophy are referred to the following consultation hours for 1895-6 :

The Dean.....	Monday, Wednesday, and Thursday at 2 ; Friday at 3, Room 46, Hamilton Hall
Professor Price.....	Monday at 1, Room 42, Hamilton Hall
Professor Boyesen.....	Monday at 3.30, Room 48, Hamilton Hall
Professor Peck.....	Friday at 12, Room 20, Hamilton Hall
Professor W. H. Carpenter.....	Friday at 11, Room 7, 54 East 49th St.
Professor Gottheil.....	Friday at 2, 54 East 49th St.
Professor Cattell.....	Friday at 1.30, Psychological Laboratory
Professor Perry.....	Tuesday and Friday at 12.30, Room 13, Hamilton Hall
Professor Jackson.....	Tuesday at 10.30, Room 12, 54 East 49th St.
Professor Cohn.....	Monday and Tuesday at 10.30, Room 9, 52 East 49th St.
Professor Woodberry.....	Wednesday at 1.30, Room 34, Hamilton Hall
Professor Brander Matthews.....	Tuesday at 3.50, Room 35, Hamilton Hall
Professor Todd.....	Daily at 10.30, Room 8, 52 East 49th St.
Professor G. R. Carpenter.....	Tuesday at 3.30, 54 East 49th St.
Professor Wheeler.....	Monday at 10.30, Room 16, Hamilton Hall
Professor Hyslop.....	Thursday at 1, Room 46, Hamilton Hall
Professor Egbert.....	Friday at 12.30, Room 5, 54 East 49th St.
Mr. Speranza.....	Monday at 2.30, Room 7, 52 East 49th St.
Dr. Woodward.....	Friday at 11, Room 10, 52 East 49th St.
Dr. McCrea.....	Thursday at 11, Room 22, Hamilton Hall
Dr. Young.....	Tuesday at 12.30, Room 14, Hamilton Hall
Dr. Farrand.....	Tuesday at 11.30, Psychological Laboratory
Mr. Loiseaux.....	
Mr. Babbitt.....	Tuesday and Thursday at 2.30, Room 8, 54 East 49th St.

# CALENDAR

---

- 1895—Oct. 2—Matriculation and registration of students begin, Wednesday  
 Oct. 7—First term, 142d year begins Monday.  
 Nov. 5—Election Day, Tuesday. holiday.  
 Nov. 28—Thanksgiving Day, Thursday, holiday.  
 Dec. 23—Christmas holidays begin, Monday.
- 1896—Jan. 4—Christmas holidays end, Saturday.  
 Feb. 8—First term ends, Saturday.  
 Feb. 10—Second term begins, Monday.  
 Feb. 12—Lincoln's Birthday, Wednesday, holiday.  
 Feb. 19—Ash-Wednesday, holiday.  
 Feb. 22—Washington's Birthday, Saturday, holiday.  
 April 3—Good-Friday, holiday.  
 May 30—Memorial Day, Saturday, holiday.  
 June 10—Commencement, Wednesday.  
 Oct. 5—First term, 143d year begins, Monday.





C  
2uZph  
96-97

LIBRARY  
OF THE  
UNIVERSITY OF ILLINOIS.



# Columbia University in the City of New York

---

COURSES

IN THE

SCHOOL OF PHILOSOPHY

IN

PHILOSOPHY, PSYCHOLOGY, AND EDUCATION  
LINGUISTICS AND LITERATURE

1896-97

## NOTE

The courses detailed in this pamphlet may be taken as parts of major or minor subjects for the degrees of A.M. and Ph.D., and some of them for the degree of A.B. Other courses leading to the degree of A.M. and Ph.D. are given under the various faculties, especially the Faculty of Political Science and the Faculty of Pure Science. A combination of courses under the Faculties of Law and Political Science leads to the degree of LL.M.

In addition to the courses offered by these Faculties, Columbia University offers the following :

In COLUMBIA COLLEGE :

A four-years course leading to the degree of . . . . . A.B.

In the SCHOOL OF LAW :

A three-years course leading to the degree of . . . . . LL.B.

In the SCHOOL OF MEDICINE (College of Physicians and Surgeons) :

A four-years course leading to the degree of . . . . . M.D.

In the SCHOOL OF MINES :

A four-years course in Mining Engineering leading to the degree of M.E.

“ “ Civil Engineering “ “ C.E.

“ “ Sanitary Engineering “ “ C.E.

“ “ Electrical Engineering “ “ E.E.

“ “ Metallurgy “ “ Met.E.

“ “ Analytical and Applied “ “

“ “ Chemistry “ “ B.S.

“ “ Architecture “ “ B.S.

The first-year courses of the School of Law, the College of Physicians and Surgeons, and the School of Mines are open, as electives, to Seniors in the College. Consequently, such Seniors as may desire to do so can prepare themselves for advanced standing in these schools by electing these first-year courses and counting them for the degree of A.B.

Information and circulars as to any of the above courses may be had by addressing the Secretary of the University.

The catalogue of the University is published in December and is sold at twenty-five cents a copy.

---

All the schools and departments of Columbia University are at Madison Avenue and 49th St., with the exception of the Department of Zoölogy and the Medical School, which are at Tenth Avenue and 59th Street.

# CONTENTS

---

	PAGE
FACULTY OF PHILOSOPHY . . . . .	I
Other Officers . . . . .	2
Professors of the Teachers College having Seats in the Faculty of Philosophy . . . . .	2
FACULTY OF PHILOSOPHY . . . . .	3
Admission and Attendance . . . . .	3
Matriculation and Registration . . . . .	4
Auditors . . . . .	4
DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY . . . . .	4
UNIVERSITY FELLOWSHIPS . . . . .	8
UNIVERSITY SCHOLARSHIPS . . . . .	10
FEEs . . . . .	11
COURSES OF STUDY AND RESEARCH FOR 1896-7 . . . . .	12
Philosophy, Psychology, and Education . . . . .	12
Science of Language . . . . .	17
Rhetoric and English Composition . . . . .	17
English and Literature . . . . .	18
English Language and Literature . . . . .	18
Literature . . . . .	20
Oriental Languages . . . . .	21
Semitic Languages . . . . .	21
Courses in Semitic Languages at the Union Theological Seminary . . . . .	23
Indo-Iranian Languages . . . . .	24
Classical Philology . . . . .	25
Greek (including Archæology and Epigraphy) . . . . .	25
Courses in New Testament Greek at the Union Theological Seminary . . . . .	27
Latin (including Archæology and Epigraphy) . . . . .	27
Germanic Languages and Literatures . . . . .	28
Romance Languages and Literatures . . . . .	30
CONSULTATION HOURS . . . . .	35
CALENDAR . . . . .	36



## FACULTY OF PHILOSOPHY

---

NAME	ADDRESS
SETH LOW, LL.D. President of Columbia University	Columbia University
HENRY DRISLER, LL.D. Jay Professor of the Greek Language and Literature (Emeritus)	48 West 46th Street
THOMAS RANDOLPH PRICE, M.A., LL.D. Professor of the English Language and Literature	263 West 45th Street
HARRY THURSTON PECK, Ph.D. Professor of the Latin Language and Literature	New Rochelle, N. Y.
NICHOLAS MURRAY BUTLER, Ph.D. Professor of Philosophy and Education Dean of the Faculty	119 East 30th Street
WILLIAM HENRY CARPENTER, Ph.D. Professor of Germanic Philology	54 East 49th Street
JAMES MCKEEN CATTELL, Ph.D. Professor of Psychology	Garrison, N. Y.
EDWARD DELAVAN PERRY, Ph.D. Jay Professor of the Greek Language and Literature Secretary of the Faculty	133 East 55th Street
ABRAHAM VALENTINE WILLIAMS JACKSON, Ph.D. Professor of the Indo-Iranian Languages	Yonkers, N. Y.
ADOLPHE COHN, LL.B., A.M. Professor of the Romance Languages and Literatures Absent on leave 1896-7	Columbia University
GEORGE EDWARD WOODBERRY, A.B. Professor of Literature	5 East 17th Street
BRANDER MATTHEWS, A.M., LL.B. Professor of Literature	121 East 18th Street
RICHARD JAMES HORATIO GOTTHEIL, Ph. D. Professor of Rabbinical Literature and the Semitic Languages	169 West 93d Street
HENRY ALFRED TODD, Ph.D. Professor of Romance Philology	720 West End Ave.
GEORGE RICE CARPENTER, A.B. Professor of Rhetoric and English Composition	54 East 49th Steeet
JAMES RIGNALL WHEELER, Ph.D. Professor of Greek	Columbia University

- JAMES CHIDESTER EGBERT, Jr., Ph.D., 346 Webster Ave., Jersey City, N. J.  
Adjunct Professor of Latin
- JAMES HERVEY HYSLOP, Ph.D. . . . . 519 West 149th Street  
Professor of Logic and Ethics
- CALVIN THOMAS, A.M. . . . . Columbia University  
Professor of the Germanic Languages and Literatures

### OTHER OFFICERS

- CARLO LEONARDO SPERANZA, LL.B., A.M. . . . . 128 East 63d Street  
Instructor in Romance Languages
- CLARENCE HOFFMAN YOUNG, Ph.D. . . . . 308 West 58th Street  
Instructor in Greek
- EUGENE HOWARD BABBITT, A.B. . . . . Columbia University  
Instructor in the Germanic Languages
- LIVINGSTON FARRAND, A.M., M.D. . . . . Columbia University  
Instructor in Physiological Psychology
- BENJAMIN DURYEA WOODWARD, Ph.D. . . . . 462 West 22d Street  
Instructor in the Romance Languages
- NELSON GLENN MCCREA, Ph.D. . . . . 533 Franklin Ave., Brooklyn  
Instructor in Latin
- LOUIS MARIE AUGUSTE LOISEAUX . . . . . 22 East 47th Street  
Tutor in the Romance Languages
- NORMAN WILDE, Ph.D. . . . . Yonkers, N. Y.  
Assistant in Philosophy
- ABRAHAM YOHANNAN, A.M. . . . . 205 East 42d Street  
Lecturer in Oriental Languages
- CHARLES AUGUSTUS STRONG, A.B. . . . . Hotel San Remo  
Lecturer in Psychology

### PROFESSORS OF THE TEACHERS COLLEGE

#### HAVING SEATS IN THE FACULTY OF PHILOSOPHY

- WALTER LOWRIE HERVEY, Ph.D. . . . . Teachers College  
President
- JOHN FRANCIS WOODHULL, A.B. . . . . Teachers College  
Professor of Science
- CHARLES ALPHEUS BENNETT, B.S. . . . . Teachers College  
Professor of Manual Training
- JOHN FRANKLIN REIGART, A.B. . . . . Teachers College  
Professor of Psychology and General Method
- CLARENCE EDMUND MELENEY, A.M. . . . . Teachers College  
Professor of Elementary Teaching, and of School  
Supervision and School Law
- FRANKLIN THOMAS BAKER, A.M. . . . . Teachers College  
Professor of the English Language and Literature



## Faculty of Philosophy

The Faculty of Philosophy has charge of the university courses of instruction and research in philosophy, psychology, philology, and letters. Any duly matriculated university student is at liberty to combine courses of study and investigation under this faculty with courses offered by the Faculties of Political Science, Pure Science, Law, Medicine, and Mines (Applied Science).

Students are received either as candidates for the degrees of Bachelors of Arts (through Columbia College), Master of Arts, or Doctor of Philosophy, or to pursue special or partial courses.

Students enrolled in the General, the Union, or the Jewish Theological Seminary, in the city of New York, who may be designated for the privilege by the authorities of these institutions, and accepted by the President of Columbia University, are admitted to the courses offered by the Faculty of Philosophy free of all charge for tuition.

Students enrolled in the Art Schools of the Metropolitan Museum of Art, who may be designated for the privilege by the authorities of these schools, and accepted by the President of Columbia University, are permitted to attend the courses of lectures on archæology and æsthetics free of all charge for tuition.

By the terms of an alliance between Columbia University and the Teachers College, 120th Street near Amsterdam Avenue, duly qualified students of the Teachers College are permitted to enter the courses offered by the Faculty of Philosophy, either as candidates for degrees or as special students.

These institutions offer reciprocal privileges to students of Columbia University.

### Admission and Attendance

Students desiring to pursue their studies under the direction of the Faculty of Philosophy as candidates for a degree must have completed the curriculum of some college in good standing at least to the close of the Junior year. Certificates of graduation or dismissal from institutions of learning in foreign countries are also accepted.

Candidates for the degree of Bachelor of Arts are required to pursue courses of instruction amounting in all to not less than 15 hours of attendance per week for one year, and must conform to the requirements regarding a graduation thesis which are established for members of the Senior class in Columbia College.

Candidates for the degrees of Master of Arts and Doctor of Philosophy must hold a bachelor's degree from some college in good standing, and remain in

residence for not less than one and two years, respectively. They are required to pursue courses of study or research in one major and two minor subjects, but are not held to any fixed number of hours of attendance per week. For a further statement, see the regulations for university degrees, below.

Candidates for the degree of Doctor of Philosophy who have been in residence at other universities are given credit for such residence.

Students who are not candidates for a degree are admitted to any courses which they are found competent to undertake.

There are no examinations for admission, either as candidates for a degree or as special students. Students are admitted at any time during the year, and may present themselves for examination for a degree whenever the requirements as to residence and an essay or dissertation have been complied with.

### **Matriculation and Registration**

Each student on first connecting himself with Columbia University is required to sign the matriculation book in the office of the President, and pay a fee of \$5.00. Immediately after matriculation, and before entering upon his studies each year thereafter, every student who desires to pursue his studies, either wholly or in part, under the direction of the Faculty of Philosophy must register himself for that faculty in the office of the Secretary of the University. He will then receive by mail a registration book from the Dean of the Faculty. Until his registration is completed, no student is entitled to attend any university exercises whatever, nor will any attendance previous to matriculation and registration be counted as part of the residence required for a degree.

From September 29 to October 6, 1896, the Dean will be in his office daily from 10.30 A.M. to 12.30 P.M., and from 2 to 4 P.M., to meet students who desire to enter the School of Philosophy.

### **Auditors**

Certain courses of lectures enumerated in the general statement prefixed to the list of courses offered by each department are open to the public, men and women alike, on payment of an auditor's fee. No auditor will be admitted to any course without the consent of the instructor, previously obtained. Auditors' tickets must be procured from the Secretary of the University, and shown to the instructors in charge of the courses for which they are issued.

## **University Degrees**

### **Regulations for the Degrees of Master of Arts and Doctor of Philosophy**

I Candidates for the degrees of Master of Arts and Doctor of Philosophy must hold a baccalaureate degree in arts, letters, philosophy, or science, or an engineering degree, or an equivalent of one of these from a foreign institution of learning.

The Deans of the several schools will require candidates for the higher degrees to present satisfactory evidence that they are qualified for the studies they desire to undertake.

2 Candidates for the degrees of Master of Arts and Doctor of Philosophy must pursue their studies in residence for a minimum period of one and two years, respectively.\* The year spent in study for the degree of Master of Arts is credited on account of the requirement for the degree of Doctor of Philosophy. Residence at other universities may be credited to a candidate. In certain cases and by special arrangement, time exclusively devoted to investigation in the field will be credited in partial fulfilment of the time required. No degree will be conferred upon any student who has not been in residence at Columbia University for at least one year.

3 Each student who declares himself a candidate for the degrees of Master of Arts and Doctor of Philosophy, or either of them, shall, immediately after registration, designate one principal or major subject and two subordinate or minor subjects, which shall be the studies of his university course.

4 The subjects from which the candidate's selection must be made are :

#### UNDER THE FACULTY OF PHILOSOPHY :

I—*Major Subjects* : 1. Philosophy ; 2. psychology ; 3. education ; 4. linguistics ; 5. literature ; 6. classical archæology and epigraphy ; 7. Greek language and literature, and, incidentally, Grecian history ; 8. Latin language and literature, and, incidentally, Roman history ; and the following, *including in each case the study of both the language and the literature* ; 9. English ; 10. Germanic ; 11. Romance ; 12. Sanskrit (with Pāli) and Iranian ; 13. Semitic. Nos. 10, 11, 12, and 13 count as the equivalent of a major and one minor subject.

II—*Minor Subjects* : 1. Philosophy ; 2. psychology ; 3. logic ; 4. education ; 5. anthropology ; 6. linguistics ; 7. literature ; 8. Greek ; 9. Greek archæology ; 10. Latin ; 11. Roman archæology ; 12. Sanskrit ; 13. Iranian ; 14. English ; 15. Anglo-Saxon and Gothic ; 16. Germanic philology ; 17. German language and literature ; 18. Scandinavian languages and literatures ; 19. Romance philology ; 20. French language and literature ; 21. Spanish and Italian languages and literatures ; 22. Hebrew ; 23. Arabic ; 24. Assyrian ; 25. Syriac ; 26. Ethiopic ; 27. Semitic epigraphy.

In his choice of subjects under this faculty, the candidate is limited by the regulation that not more than two of the three subjects may be selected from those offered by any one department. A major subject will involve attendance at lectures and seminars amounting to four or more hours weekly ; a minor subject will involve attendance of two or more hours weekly.

#### UNDER THE FACULTY OF POLITICAL SCIENCE :

Group I—History and political philosophy : 1. European history ; 2. American history ; 3. political philosophy.

\* In practice three years of study is usually necessary to obtain the degree of Doctor of Philosophy.

Group II—Public law and comparative jurisprudence. 1. constitutional law; 2. international law; 3. criminal law; 4. administrative law; 5. comparative jurisprudence.

Group III—Economics and social science: 1. political economy and finance; 2. sociology and statistics.

In his choice of subjects under this faculty, the candidate is limited by the regulation that not more than two of the three subjects may be selected from any one of the above groups, and by the following rules:

Candidates offering European history as the major subject, must offer American history as one of the minor subjects, and *vice versa*.

Candidates offering political economy and finance as the major subject, must offer sociology and statistics as one of the minor subjects, and *vice versa*.

Candidates will not be permitted to offer constitutional law alone as the major subject for the degree of Doctor of Philosophy, but must combine with it the course on general international law, or on comparative administrative law.

Candidates offering international law, or criminal law, or administrative law as the major subject, must take constitutional law as one minor subject.

Candidates will not be permitted to offer criminal law alone as the major subject for the degree of Doctor of Philosophy, but must combine with it the course on general international law.

To be recognized as a major subject for the degree of Master of Arts the courses selected must aggregate at least two hours per week throughout the year, and must also include attendance at a seminar; for a minor subject for the degree of Master of Arts, the attendance at a seminar is not required.

To be recognized as a minor subject for the degree of Doctor of Philosophy, courses must be taken, in addition to the requirements for a minor subject for the degree of Master of Arts, aggregating two hours weekly. To be recognized as a major subject for the degree of Doctor of Philosophy, all of the courses and seminars offered in that subject must be taken.

#### UNDER THE FACULTY OF PURE SCIENCE:

Mathematics; mechanics; astronomy; geodesy; physics; chemistry; mineralogy; geology; palæontology; lithology; biology; botany; physiology; anatomy; bacteriology.

In his choice of subjects under this faculty, the candidate is limited by the regulation that no two of the subjects selected may be in any one department, unless the consent of the faculty thereto shall have first been obtained. Candidates are expected to devote at least one-half their time throughout their course of study to the major subject. In the case of laboratory courses this implies two days a week, or its equivalent, as determined by each department. Each minor subject is intended to occupy approximately one-fourth of the time during one year for the degree of Master of Arts, and during one or two years, according to the nature of the subject and the previous training of the candidate, for the degree of Doctor of Philosophy. Students may distribute the remainder of their time either in courses of major or minor reading in branches where their preparation is least complete, or in researches connected with their major subject.



# UNDER THE FACULTY OF MINES:

Mining, metallurgy, engineering (civil, mechanical, electrical, and sanitary), and architecture.

The Faculty of the School of Mines requires that at least one minor subject be taken under the Faculty of Pure Science.

A minor subject may be taken in the same department as the major, but no two minors may be taken in the same department. It is expected that fully half of the student's time throughout the course of study shall be devoted to the major subject, and one-quarter of the time during one year and an equal proportion of the second year, if necessary, to each of the minor subjects.

5 Each student is given a registration-book, which is signed by the professor or instructor in charge of each course of instruction or investigation at the beginning and end of every such course. This registration-book is to be preserved by the student as evidence of work accomplished and should be submitted to the deans of the several faculties at the end of each year, that proper credit may be given and entered on the permanent records of the institution.

6 Students desiring to be examined as candidates for any degree must make written application for such examination to the dean of the proper faculty, on blank forms provided for the purpose. All such applications must be made on or before April 1 of the academic year in which examination is desired, and must be accompanied by the candidate's registration-book, as above provided.

7 Each candidate for the degree of Master of Arts shall present an essay on some topic previously approved by the professor in charge of his major subject. Before the candidate is admitted to examination the professor in charge of his major subject must have signified his approval of such essay. The Faculty of Philosophy requires that this essay be presented not later than May 1 of the academic year in which the examination is to take place. The Faculty of Political Science requires this essay to be a paper read during the year before the seminar of which the candidate is a member.

8 Each candidate for the degree of Doctor of Philosophy shall present a dissertation, embodying the result of original investigation and research, on some topic previously approved by the faculty. When such dissertation has been approved by the faculty, it shall be printed by the candidate, and one hundred and fifty copies shall be delivered to the faculty, unless for reasons of weight a smaller number be accepted by special action of the University Council. On the title-page of every such dissertation shall be printed the words: "Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy, in the Faculty of —————, Columbia University. There shall be appended to each dissertation a statement of the educational institutions that the author has attended, and a list of the degrees and honors conferred upon him, as well as the titles of any previous publications.

The several faculties have delegated the power to approve the subject chosen for his dissertation by any candidate for the degree of Doctor of Philosophy, as

well as the power to approve the dissertation itself, to the professor in charge of the candidate's major subject.

The Faculties of Philosophy, Political Science, Pure Science, and Mines require the dissertation to be submitted not later than April 1 of the academic year in which the examination for the degree is desired. With the consent of the dean and the professor in charge of the candidate's major subject the examination under the Faculty of Political Science may be held before the printed dissertation is submitted.

The Faculty of Pure Science requires that the dissertation be printed in the size and form of either the *Annals* or *Memoirs* of the New York Academy of Sciences, according to the nature of the subject, and delivered to the faculty before the final examination.

The Faculty of Mines requires the dissertation to be printed in the size and style of the *School of Mines Quarterly*, and delivered to the faculty not later than May 1 of the academic year in which the examination is to take place.

9 Every candidate for the degree of Doctor of Philosophy, in addition to passing such other examinations as may be required by the faculty, shall be subjected to an oral examination on his major subject, and shall defend his dissertation, in the presence of the entire faculty or of so many of its members as may desire to attend. The ability to read at sight Latin, French, and German is required by the Faculties of Philosophy and Political Science; the ability to read at sight French and German is required by the Faculties of Pure Science and of the School of Mines, to be certified in each case by the dean of the faculty concerned.

10 Students holding college degrees, who shall have completed with marked distinction one of the regular courses in the School of Law, the School of Medicine, or the School of Mines, may be recommended for the degree of Master of Arts; provided that in each case the candidate presents a satisfactory dissertation, and that at least a part of the extra work required of him for the degree of Master of Arts be taken under the direction of either the Faculty of Philosophy, the Faculty of Political Science, or the Faculty of Pure Science, to the extent of a minor course for not less than one year.

## University Fellowships

Twenty-four university fellowships have been established, tenable for one year, with a possibility of reappointment for reasons of weight. Applications for fellowships should be addressed to the President of Columbia University. The following rules regarding the fellowships have been established by the University Council:

1 The application shall be made prior to March 1, in writing, addressed to the President of Columbia University. Applications received later than March 1 may fail of consideration. The term of each fellowship is one year, dating from July 1. Residence should begin October 1.



**2** The candidate must give evidence

(a) Of a liberal education, such as a diploma already granted, or about to be received, from a college or scientific school of good repute ;

(b) Of decided fitness for a special line of study, such as an example of some scientific or literary work already performed ;

(c) Of upright character, such as a testimonial from some instructor.

**3** The value of each fellowship is five hundred dollars. Payments will be based on the time during which the fellow shall have been in residence. The holder of a fellowship is exempt from the charges for tuition.

**4** Every holder of a fellowship will be expected to perform such duties as may be allotted to him in connection with his course of study, which course will be such as to lead to the degree of doctor of philosophy. He will be expected to devote his time to the prosecution of special studies under the direction of the head of the department to which he belongs, and before the close of the academic year to give evidence of progress by the preparation of a thesis, the completion of a research, the delivery of a lecture, or by some other method. He must reside in New York or vicinity during the academic year.

**5** No holder of a fellowship shall be permitted to pursue a professional or technical course of study during his term. With the written approval of the President, but not otherwise, he may give instruction or assistance in any department of the university.

**6** No fellow shall be allowed to accept remunerative employment except by written permission of the President, and the acceptance of any such employment without such permission shall operate to vacate the fellowship.

**7** A fellow may be reappointed at the end of the year for reasons of weight. No fellow may be reappointed for more than two terms of one year each.

**8** As these fellowships are awarded as honors, those who are disposed, for the benefit of others or for any other reason, to waive the pecuniary emolument, may do so, and still have their names retained on the list of fellows.

### **Henry Drisler Fellowship in Classical Philology**

This fellowship, of the annual value of five hundred dollars, was established in 1894 in commemoration of the semi-centennial in the service of this university of Henry Drisler, LL.D., of the class of 1839, who held the chairs of both Latin and Greek in Columbia College.

Applicants for this fellowship must be bachelors of arts of Columbia College, or of some other college of equivalent standing, and must have pursued the study of Greek and Latin throughout their undergraduate course. They must present testimonials from their instructors in Greek and Latin as to their zeal and success in the study of these languages, and must give evidence of fitness for a wider and more profound study of the same, and for independent research. Such evidence may be shown by the results of a special examination, or by the production of an essay or published treatise in some department of classical study. Applicants must also have a sufficient knowledge of French and German to use those languages readily in the prosecution of their studies, and must present a certificate of good moral character.

The appointment to the fellowship will be made by the University Council on the joint recommendation of the Professors of Greek and Latin. The appointment shall be for one year, and the holder, for reasons of weight, may be reappointed; but the fellowship shall not be held by the same person for more than three years.

The fellow must study at Columbia University under the direction of the Professors of Greek and Latin, unless permitted by the Council to spend a year in some foreign university or in the American School of Classical Studies at Athens.

## University Scholarships

There have been established by the Trustees of Columbia University thirty university scholarships, to be awarded annually to students in the Faculties of Philosophy, Political Science, and Pure Science. These scholarships are awarded under the following regulations, prepared by the authority of the University Council and with its approval:

1 The university scholarships are open to all graduates of colleges and scientific schools whose course of study has been such as to entitle them to be enrolled at Columbia as candidates for a university degree. (See pp. 3-4.)

2 These scholarships are tenable for one academic year, with a possibility of renewal for one year longer. They are of an annual value of one hundred and fifty dollars each.

3 Payments will be made to university scholars in two equal instalments: one on October 1, and one on February 1. University scholars will be required to pay all of the fees established for matriculation, tuition, and graduation.

4 Applications for university scholarships should be made in writing, on blanks that will be furnished for the purpose, and addressed to the President of Columbia University. For the scholarships to be awarded in the spring, applications should be filed not later than May 1. No application for a university scholarship will be required from an applicant for a university fellowship. Should a scholarship be awarded to an unsuccessful applicant for a fellowship, the only information required from the candidate will be that contained in the formal application for the latter honor.

5 Not more than twenty of the university scholarships will be awarded by the University Council at its regular meeting in May. The award will be made after applications have been examined and recommendations made by the standing committee on university scholarships. In making these recommendations the committee will give preference to those candidates for university fellowships who have failed of appointment by the University Council, after having been recommended for the same by any faculty or department.

6 At least ten university scholarships will be reserved to be filled in the autumn, and applications for the same will be received up to October 1.

7 University scholars will be required to enroll themselves as candidates for a degree, and to pursue a regular course of study leading thereto.

## Fees

The annual fee for every candidate for a degree is \$150, payable in two equal instalments in October and February, with the proviso that the entire sum to be paid in fees by a candidate for the degree of Master of Arts shall not exceed \$150, and, for the degree of Doctor of Philosophy, \$300. The fee for students not candidates for a degree is calculated at the rate of \$15 a year for each hour of attendance upon university exercises a week, with a maximum fee of \$150.

The fee for auditors (see p. 4) is calculated at the rate of \$20 a year for each hour of attendance a week upon university exercises, with a maximum fee of \$200. Auditors are permitted, at their option, to enroll themselves for a single term only, at one half of the above-mentioned fee.

Special students who afterwards qualify as candidates for one of the higher degrees must pay, before being admitted to examination, the difference between the maximum fee for such degree and the sum of the fees paid by them as special students.

Holders of university fellowships are exempt from all charges for tuition and from examination-fees.

The fees for examination for the several degrees are as follows :

For the degree of Bachelor of Arts	.	.	.	.	.	.	.	\$15
For the degree of Master of Arts	.	.	.	.	.	.	.	25
For the degree of Doctor of Philosophy	.	.	.	.	.	.	.	35

## COURSES OF STUDY AND RESEARCH FOR 1896-7

The various departments mentioned below issue special circulars describing in detail the courses to be given, the departmental equipment, and the other facilities which they offer to students. Applications for such circulars should be made to the Secretary of the University

### PHILOSOPHY, PSYCHOLOGY, AND EDUCATION

NICHOLAS MURRAY BUTLER, Ph.D.	. . . . .	<i>Professor</i>
JAMES McKEEN CATTELL, Ph.D.	. . . . .	<i>Professor</i>
MOSES ALLEN STARR, A.M., M.D.	. . . . .	<i>Professor</i>
JAMES HERVEY HYSLOP, Ph.D.	. . . . .	<i>Professor</i>
LIVINGSTON FARRAND, A.M., M.D.	. . . . .	<i>Instructor</i>
NORMAN WILDE, Ph.D.	. . . . .	<i>Assistant</i>
CHARLES AUGUSTUS STRONG, A.B.	. . . . .	<i>Lecturer</i>
WALTER LOWRIE HERVEY, Ph.D.	. . . . .	<i>Professor in Teachers College</i>
JOHN FRANCIS WOODHULL, A.B.	. . . . .	<i>Professor in Teachers College</i>
CHARLES ALPHEUS BENNETT, B.S.	. . . . .	<i>Professor in Teachers College</i>
JOHN FRANKLIN REIGART, A.B.	. . . . .	<i>Professor in Teachers College</i>
CLARENCE EDMUND MELENEY, A.M.	. . . . .	<i>Professor in Teachers College</i>
FRANKLIN THOMAS BAKER, A.M.	. . . . .	<i>Professor in Teachers College</i>

### General Statement

The courses of these departments fall into three groups: those on philosophy, those on psychology, and those on education. In each group are courses best described as introductory, the aim of which is to furnish a general acquaintance with the main subdivisions of philosophy, psychology, and education as a whole. The courses known as Philosophy A, I, and II; Psychology I, II, VIII and X; and Education I and II, are of this character. By the use of the historical and comparative methods of study and exposition, students in these courses are introduced to a general survey of their respective subjects

The courses open to Seniors in Columbia College are: Philosophy I, II, V, and VIII; Psychology I, II, III, VI, VIII, IX, X, and XI; and Education I and II. None of these courses will therefore be credited toward the degrees of Master of Arts and Doctor of Philosophy unless additional work be taken in connection therewith

All the courses are open to University students

All the courses offered by these departments, except Philosophy A and Psychology VII, X, and XI, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

All the courses are open to auditors, except Philosophy A, Psychology VII, X, and XI, and the several Seminars

### Courses in Philosophy

A—Psychology and Logic: Hyslop's *Syllabus for Psychology*, Hyslop's *Elements of Logic*, Baldwin's *Elements of Psychology*, James's *Psychology*. Lectures, practical exercises, and recitations. Professor HYSLOP and Dr. WILDE

Section I, Tu. and F. at 1.30; Section II, M. and Th. at 1.30, Room 45, Hamilton Hall

Course A may not be counted towards the degree of Master of Arts or Doctor of Philosophy

I—Historical Introduction to Philosophy: Windelband's *History of Philosophy*, Falckenberg's *History of Modern Philosophy*. Lectures, essays, and private reading. Professor BUTLER and Dr. WILDE

M. and W. at 2.30, Room 40, H. H.

A third hour, to be devoted to recitation and discussion, will be given on Wednesdays at 1.30. When this hour is taken in connection with the lectures, Philosophy I will be counted as a three-hour course

II—Ethics, Introductory Course: Hyslop's *Elements of Ethics*. Lectures, essays, and discussions. Professor HYSLOP and Dr. WILDE

Tu. and Th. at 2.30, Room 45, H. H.

III—The Philosophy of Kant and His Successors: Fichte, Schelling, Hegel, Herbart, and Schopenhauer. Lectures, essays, and private reading. Professor BUTLER

M. and W. at 3.45, Room 48, H. H.

Given in 1897-8, and each alternate year thereafter

IV—British Philosophy from Locke to Herbert Spencer: History and criticism of the association psychology and the philosophy of evolution. Locke's *Essay on the Human Understanding*, Berkeley's *Principles of Human Knowledge*, Hume's *Treatise on Human Nature*; the writings of Hartley, Brown, the Mills, and Bain; Herbert Spencer's *First Principles*. Lectures, essays, and private reading. Professor BUTLER

M. and W. at 3.45, Room 48, H. H.

Given in 1896-7, and each alternate year thereafter

V—History of English Ethics: Lectures, essays, and discussions. Dr. WILDE

F. at 2.30, Room 45, H. H.

VI—Systematic Ethics: Lectures, discussions, and essays. Dr. HYSLOP

M. and W. at 2.30, Room 16, H. H.

Given in 1896-7, and each alternate year thereafter



VII—Practical Ethics. Lectures, private reading, observation, essays, and discussion. Professor HYSLOP

M. and W. at 2:30, Room 16, H. H.

Given in 1897-8, and each alternate year thereafter

VIII—Journal Club. Reports and discussions. Dr. WILDE

Hour to be arranged

This course cannot be counted toward any degree

### Seminars

Philosophical Seminar. Professor BUTLER

Hour to be arranged.

Ethical Seminar. Professor HYSLOP

Hour to be arranged.

### Courses in Psychology

I—Introduction to Psychology : Lectures and demonstrations.

Two hours weekly : Professors BUTLER, CATTELL, STARR, and HYSLOP, Drs. FARRAND and WILDE, and Mr. STRONG

Tu. and Th. at 9.30, Psychological Laboratory

1. Prolegomena to psychology, including a sketch of its history and relations to philosophy and to the other sciences. Six lectures. Professor BUTLER
2. Some representative modern psychologists : Hartley, James Mill, Herbart, Lotze, Fechner, Wundt, and Herbert Spencer. Seven lectures. Dr. WILDE
3. Outline of physiological psychology. Eight lectures. Dr. FARRAND
4. Experimental psychology ; laboratory methods. Eight lectures. Professor CATTELL
5. Comparative psychology ; mental life in the lower animals and in children. Eight lectures. Professor CATTELL and Dr. FARRAND
6. Pathological psychology. Three lectures. Professor STARR
7. General psychology. Eight lectures. Professor HYSLOP
8. Philosophical psychology. Six lectures. Mr. STRONG

II—Experimental Psychology, Introductory Course : Lectures, themes, and laboratory work. Two hours weekly. Professor CATTELL

F., 11.30-1.30, psychological laboratory

III—Experimental Psychology : Laboratory work. Two hours weekly. Professor CATTELL

Hours to be arranged after consultation with the students

IV—Mental Measurement : Lectures, laboratory work, and reports. Two hours weekly. Professor CATTELL

Tu., 11.30-1.30, psychological laboratory

V—Research Work in Experimental Psychology. Professor CATTELL  
Daily, psychological laboratory

VI—General Psychology : Lectures and discussions. Mr. STRONG

F., 9.30-11.30, Psychological Laboratory

VII—Diseases of the Mind and Nervous System : Lectures and demonstrations. One hour weekly. Professor STARR

Th., 4-5, College of Physicians and Surgeons



VIII—Physiological Psychology, General Course : Lectures, demonstrations, and laboratory work. Three hours weekly. Dr. FARRAND

Tu. at 10.30 ; W., 10.30–12.30, psychological laboratory

IX—Abnormal and Pathological Psychology : Lectures and discussions. One hour weekly. Dr. FARRAND

Th. at 12.30, psychological laboratory.

First half-year only

X—Anthropology, General Course : Lectures, essays, and discussions. Two hours weekly. Dr. FARRAND

Th., 10.30–12.30, psychological laboratory

XI—Anthropology, Primitive Culture : Lectures, essays, and discussions. Two hours weekly. Dr. FARRAND

M. and W. at 3.30, psychological laboratory

### Courses in Education

I—History of Educational Theories and Institutions : Aristotle and the ancient educational ideals, Alcuin and the rise of the Christian schools, Abelard and the foundation of the universities, Loyola and the educational system of the Jesuits ; the educational reformers, Rousseau, Pestalozzi, and Froebel ; Herbart and philosophical study of education. Conferences, occasional lectures, essays, and private reading. Professor BUTLER

Th. at 2.30, Room 46, H. H.

II—Principles of Education : psychology of childhood, didactics, the ethical and religious element in education. Conferences, occasional lectures, essays, and private reading. Professor BUTLER

Th. at 3.30, Room 46, H. H.

This course requires also two hours per week (counting as one hour) to be spent in observation and practice-teaching at Teachers College

### Seminar

Educational Seminar—One hour weekly. Professor BUTLER

Hour to be arranged

*The following courses are given at Teachers College, Morningside Heights, 120th Street, West :*

IV—Seminar. Subject for 1896–7 : Theoretical and practical problems arising out of the co-ordination and relative value of studies. Professor HERVEY and the Faculty of Teachers College

Tu. at 2, Faculty Room

V—Elements of Psychology and General Method : Observation in Horace Mann School, criticism and preparation of typical lessons, lectures, reports, and private reading. Four hours weekly. Professor REIGART

M., W., and F. at 10.45, Room 20

VI—Advanced Psychology and General Method. One and a half hours weekly. Professor REIGART

Tu. and Th. at 11.30, Room 25

VII—Institutes of Education : Laurie's *Institutes of Education*, Rosenkranz's *Philosophy of Education*, Herbart's *Science of Education*, Rein's *Outlines of Pedagogics*. Lectures, essays, and private reading. Professor HERVEY

Tu. at 2, Faculty Room

First half-year only

Not given in 1896-7

VIII—Methods of Teaching English in Secondary Schools. Study of typical forms of literature ; principles of criticism ; methods of teaching ; principles of selection ; observation and reports. Two hours weekly. Professor BAKER

S. at 10.30, Room 20

First half-year only

IX—Methods of Teaching History in Secondary Schools. Lectures, observation of typical lessons ; criticism of lesson plans, text-books, and courses of study ; reports, and (in the case of qualified students) practice-teaching. One and a half hours weekly. Professor REIGART

F. at 2, Room 25. An additional hour for observation to be arranged

First half-year only

X—Methods of Teaching Latin and Greek in Secondary Schools. Lectures upon the educational value of linguistic studies ; the methods of dealing with forms, syntax, reading, and writing ; the sources and the use of illustrative material ; criticism and practical work as in Course IX. One and a half hours weekly. Professor HERVEY

Tu. at 2, Faculty Room. An additional hour for observation to be arranged

Second half-year only

XI—Methods of Teaching Mathematics in Secondary Schools. Lectures upon the relations of arithmetic, algebra, and geometry to one another and to the other subjects of the curriculum, particularly to science and manual training ; criticism and practical work as in Courses IX and X. One and a half hours weekly. Professors HERVEY and WOODHULL

F. at 2, Room 25. An additional hour for observation to be arranged

Second half-year only

XII—Science : Methods of Teaching Chemistry, Physics, and Physiology in Secondary Schools. Lectures, laboratory exercises, and observation of teaching. Three hours weekly. Professor WOODHULL

M., 2-4, Fourth floor. An additional hour to be arranged

XIII—Manual Training in Elementary and Secondary Schools : History and principles ; courses, equipments, and methods of teaching. Lectures, essays, reports, and private reading. Two hours weekly first half-year. If accompanied with practice, four to six hours weekly the entire year. Professor BENNETT

Tu. and F. at 2, Macy Manual Arts Building

XIV—Methods of Teaching in Elementary Schools. Observation and study of the teaching in the grades of the Elementary School. The development of each study, co-ordination of related subjects, appointment of work, specialization, arrangement of lesson-series and preparation of lesson-plans; practice-teaching and criticism. Two hours weekly. Professor MELENEY

W. and F. at 10.50, or Saturday at 10.30, or at other hours to be arranged, Room 7

XV—School Supervision and School Management. State and city school systems; organization, administration, business and professional duties of school officers, school finances; supervision of teaching forces, instruction, and equipment. Lectures, reports, conferences, and original investigation. Three hours weekly. Professor MELENEY

W. at 2.15, S. at 12, or at hours to be arranged, Room 7

XVI—Reading and Discussion of German and French Works on Education in the original text. Lectures, essays, and discussion. Two hours weekly. Professor —

W. at 3

## SCIENCE OF LANGUAGE

I—Introduction to the Science of Language. Professors W. H. CARPENTER and GOTTHEIL

Tu. and Th. at 11.30

This course is open to all university students

By agreement between the several philological departments a course of two hours weekly, consisting of lectures and exercises, will be offered in each year under the foregoing title. This course is designed to serve as a preparation for advanced studies in any field of linguistic research, and will, it is believed, prove of great value to all university students who look forward to such investigations. It will be the object of the instructor to illustrate, from the points of view of the psychologist and of the phonetician, respectively, the conditions of the existence of language, both as a psychical and as a physical product, and the laws which regulate its differentiation, decay, and growth. The course will be taken with most profit by those who have had a good preliminary training in psychology and in the elements of phonetics

## RHETORIC AND ENGLISH COMPOSITION

GEORGE RICE CARPENTER, A.B.	.	.	.	.	.	.	Professor
WILLIAM TENNEY BREWSTER, A.M.	.	.	.	.	.	.	Tutor
GEORGE CLINTON DENSMORE ODELL, Ph.D	.	.	.	.	.	.	Assistant
RALPH C. RINGWALT, A.B.	.	.	.	.	.	.	Assistant

Courses I, II, and III are open to Seniors in Columbia College and to all properly qualified university students, also to women who are candidates for the degree of A.B. Women who wish to enter these courses as candidates for a degree must register through Barnard College

Course V is open to Seniors in Columbia College and to university students, but not to women

Courses I and II may not be counted towards the degree of A.M. or Ph.D.

Course III is open to auditors

### Courses

I—English Composition. Daily themes and fortnightly essays. Lectures and consultations. Professor G. R. CARPENTER

W. and F. at 10.30

First half-year only

II—English Composition. Lectures and discussions in regard to style ; essays and other written work. Professor G. R. CARPENTER

W. and F. at 10.30

Second half-year only

III—English Composition (Advanced Course). The structure of the thesis ; the history of rhetoric ; a study of methods of teaching rhetoric and English composition. Lectures and theses. Professor G. R. CARPENTER

W. and Th. at 11.30

V—The Art of English Versification. Professor BRANDER MATTHEWS

W. at 2.30

### ENGLISH AND LITERATURE

THOMAS RANDOLPH PRICE, A.M., LL.D.	.	.	.	.	<i>Professor</i>
ABRAHAM VALENTINE WILLIAMS JACKSON, Ph.D.	.	.	.	.	<i>Professor</i>
GEORGE EDWARD WOODBERRY, A.B.	.	.	.	.	<i>Professor</i>
BRANDER MATTHEWS, A.M., LL.B.	.	.	.	.	<i>Professor</i>

### ENGLISH LANGUAGE AND LITERATURE

Courses II, III, IV, XI, XII, XIII, XIV, XV, and XVI are open to Seniors in Columbia College and to university students. They are intended for candidates for the degree of Bachelor of Arts, and may not be counted toward the degree of Master of Arts or Doctor of Philosophy

Courses III, IV, V, VI, VII, VIII, IX, X, XIV, and XV are open to women on the same terms as to men

Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

Courses IV, XIV, and XV are open to auditors

### Courses

II—Anglo-Saxon Language and Historical English Grammar. Professor JACKSON

Tu. and Th. at 11.30

III—Anglo-Saxon Literature : Poetry and Prose. Professor PRICE

Tu. and Th. at 12.30

IV—Chaucer: Language, Versification, and Method of Narrative Poetry.  
Text: Skeat's edition of Chaucer. Professor PRICE

Two hours weekly

Not given in 1896-7

Courses III and IV are given in alternate years

V—English Language and Literature of the Eleventh, Twelfth and Thirteenth Centuries: Reading of authors, with investigation of special questions and writing of essays. Professor PRICE

M. and W. at 11.30

VI—English Language and Literature of the Fourteenth Century exclusive of Chaucer, and of the Fifteenth Century: Reading of authors, with investigation of special questions and writing of essays. Professor PRICE

Two hours weekly

Not given in 1896-7

VII—English Language and Literature of the Sixteenth Century: Reading of authors, with investigation of special questions and writing of essays, Professor PRICE

Two hours

Not given in 1896-7

Courses V, VI, and VII, designed for the careful study of the language and literature of the early period, will be given successively in 1896-7, 1897-8, and 1898-9

VIII—Anglo-Saxon Prose and Historical English Syntax. Texts: Prose in Sweet, Bright, and Grein. Investigation of special questions and writing of essays. Professor PRICE

M. and W. at 12.30

IX—Anglo-Saxon, Archaic and Dialectic. Professor JACKSON

One hour weekly

Second half-year only

X—English Verse-Forms: Study of their historical development. Professor PRICE

Two hours weekly

XI—The History of English Literature from 1789 to the death of Tennyson: Lectures. Professor WOODBERRY

Three hours weekly

Not given in 1896-7

XII—The History of English Literature from 1660 to 1789: Lectures. Professor WOODBERRY

Three hours weekly

Not given in 1896-7

XIII—The History of English Literature from the birth of Shakspeare to 1660, with special attention to the origin of the drama in England and to the poems of Spenser and Milton. Professors JACKSON and WOODBERRY

M., W., and F. at 11.30

Courses XII and XIII are given in alternate years



XIV—Pope : Language, Versification, and Poetical Method. Text : Ward's edition of Pope's Works. Professor PRICE

Tu. and Th. at 10.30

XV—Shakspeare : Language, Versification, and Method of Dramatic Poetry. Text : Cambridge Text of Shakspeare. Professor PRICE

Two hours weekly

Not given in 1896-7

Courses XIV and XV are given in alternate years

XVI—American Literature. Professor BRANDER MATTHEWS

Two hours weekly

Not given in 1896-7. To be given in 1897-8

English XVI and Literature I will be given in alternate years

#### LITERATURE

Courses I and II are open to Seniors in Columbia College and to university students. They may not be counted for the degree of Master of Arts or Doctor of Philosophy. The remaining courses are open only to students who have taken the degree of Bachelor of Arts or its equivalent

None of the following courses is open to women

#### Courses

I—The History of Modern Fiction. Professor BRANDER MATTHEWS

Tu. and Th. at 2.30

Given in 1896-7 and each alternate year thereafter

II—The Theory, History, and Practice of Criticism, with special attention to Aristotle, Boileau, Lessing, and English and later French writers, with a study of the great works of the imagination. Professor WOODBERRY

M., W., and F. at 12.30

Literature I and English XVI will be given in alternate years

III—Epochs of the Drama : Greek, Latin, Spanish, English, French, German, Scandinavian. Professor BRANDER MATTHEWS. Two hours weekly

Alternates with Course IV

Not given in 1896-7

IV—Dramatists of the Nineteenth Century. Professor BRANDER MATTHEWS

Tu. and Th. at 1.30

Given in 1896-7, and each alternate year thereafter

V—Molière and English Comedy. Professor BRANDER MATTHEWS

One hour weekly

Alternates with Course VI

Not given in 1896-7

VI—The Evolution of the Essay. Professor BRANDER MATTHEWS

W. at 2.30

Given in 1896-7, and each alternate year thereafter

VII—Studies in Literature, mainly critical. Selected works, in prose and verse, illustrating the character and development of national literatures. Conferences. Professor WOODBERRY

M. at 2.30 to 4.30 and W. at 3.30



VIII—Studies in Literature, mainly historical. Original research. Conferences. Subjects to be announced. Professor WOODBERRY

W. at 2.30 and F. at 2.30 to 4.30

IX—Types of Mediæval and Renaissance Literature. Professor G. R. CARPENTER

M. and Th. at 10.30, F. at 11.30

Courses VII, VIII, and IX may each be taken for two successive years

## ORIENTAL LANGUAGES

RICHARD J. H. GOTTHEIL, Ph.D. . . . . *Professor*

A. V. WILLIAMS JACKSON, Ph.D. . . . . *Professor*

ABRAHAM YOHANNAN, A.M. . . . . *Lecturer*

All the courses in Oriental languages are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

## SEMITIC LANGUAGES

Courses I, II, III, IV, X, XII, XIII, XV, XVI, and XVII, and the Seminar, are open to Seniors in Columbia College and to university students; Courses V, VI, VII, VIII, IX, XI, XIV, to advanced students only. Course I is open also to Juniors in Columbia College

All the courses in Semitic languages except the Seminar are open to auditors

### Courses in Hebrew

The course in Hebrew extends over three years. The first year is devoted to the study of the elements; the second, to the study of the syntax and the acquiring of ease in translating from Hebrew into English, and from English into Hebrew; the third, to a critical study of one or more books of the Bible

The attention of students in the College is directed to the fact that it is desirable that those who intend entering a theological seminary after graduation shall have had at least two years' previous training in Hebrew. Opportunity for this training is given the students of Columbia College, Hebrew being an elective in both the Junior and Senior classes

I—Biblical Hebrew, Elementary Course. Harper's *Hebrew Method* and *Manual*; Harper's *Elements of Hebrew*. Professor GOTTHEIL

M. and W. at 4.30

II—Biblical Hebrew, Second Course. Rapid reading of selected Psalms in connection with Gesenius' *Hebräische Grammatik* and Driver's *Hebrew Tenses*. Professor GOTTHEIL

M. and Th. at 3.30

First half-year only

III—Biblical Hebrew, Third Course. First half-year: Lectures on Semitic archæology, with especial reference to its bearing upon the study of the Bible. Second half-year: Critical study of the Book of Job. Professor GOTTHEIL

M. and Th. at 2.30

IV—Rabbinical Hebrew. Interpretation of selected portions of the Mechilta. Professor GOTTHEIL

Tu. and Th. at 4.30

First half-year only

V—Rabbinical Hebrew. Interpretation of a treatise of the Talmud, with an introduction to the Talmudic literature. Professor GOTTHEIL

Tu. and Th. at 4.30

Second half-year only

For Courses IV and V, a previous knowledge of Biblical Hebrew is demanded

VI—Rabbinical Hebrew. Lectures on post-Talmudic Hebrew literature. Professor GOTTHEIL

F. at 2.30

Second half-year only

### Courses in Semitic Epigraphy

VII—Interpretation of the Phœnician Inscriptions, with an introduction to Semitic epigraphy. Professor GOTTHEIL

W. at 1.30

VIII—Interpretation of the Aramæan Inscriptions of Sinjirli (*Mittheilungen aus den Orientalischen Sammlungen*, Heft xi, Berlin, 1893), and of the *Corpus Inscriptionum Semiticarum*, vol. ii. Professor GOTTHEIL

Not given in 1896-7. Given in 1897-8

IX—Interpretation of the Sabæan and Himyaritic Inscriptions of the *Corpus Inscriptionum Semiticarum*, vol. iv. Professor GOTTHEIL

Not given in 1896-7. Given in 1898-9

For Courses VII and VIII, which are open to advanced students only, a previous knowledge of Hebrew and Aramæan respectively is demanded: for Course IX, a previous knowledge of Arabic

### Courses in Assyrian

X—Elementary Course. Study of the Syllabary, with readings from selected portions of Abel and Winkler's *Keilschrifttexte zum Gebrauch bei Vorlesungen*, and a study of Delitzsch's *Assyrian Grammar*. Professor GOTTHEIL

Not given in 1896-7. Given in 1897-8

XI—Advanced Course. The Babylonian accounts of the creation and flood (Paul Haupt, *Das Babylonische Nimrodepes*, and Fr. Delitzsch, *Assyrische Lesestücke*). Assyrian Syllabaries. Professor GOTTHEIL

Tu. and F. at 1.30

### Courses in Arabic

XII—Elementary Course. Study of Socin's *Arabic Grammar* with exercises in translating Arabic into English, and English into Arabic. Professor GOTTHEIL

Tu. and W. at 2.30

First half-year only

XIII—Second Course. Study of Brünnow's *Chrestomathie aus arabischen Prosaschriftstellern*. Professor GOTTHEIL

Tu. and W. at 2.30

Second half-year only

XIV—Third Course. Advanced work. First half-year: Interpretation of the Qur'ān, Suras of the first period. A course of six lectures on the life of Muhammad and the rise of Islam will also be given. Second half-year: Interpretation of El-Fachri

M. and Th. at 1.30

### Courses in Syriac

XV—Elementary Course. First half-year: Nöldeke's *Syrische Grammatik*, in connection with selected readings from the Peshitta. Second half-year: Interpretation of Cureton's *Spicilegium Syriacum*. Professor GOTTHEIL and Mr. YOHANNAN

W. and F. at 3.30

XVI—Advanced Course. Grammar of the Neo-Syriac dialects, with easy readings. Mr. YOHANNAN

F. at 2.30

### Courses in Ethiopic

XVII—Principles of the Grammar and easy readings, in connection with Prætorius' *Æthiopische Grammatik*. Professor GOTTHEIL

Given in 1897-8

### Semitic Seminar

The Seminar for 1896-7 will take up the study of current questions in Semitic linguistics, with especial reference to modern methods of philological research. Professor GOTTHEIL

Tuesday evening at 8.15

Attendance at the meetings of the Seminar will be obligatory upon candidates for the degrees of Master of Arts and Doctor of Philosophy whose major subject is in Semitic languages

### Course in Turkish

First half-year: Principles of the grammar, in connection with the study of A. Müller's *Türkische Grammatik* (*Porta Linguarum Orientalium*, pars xi). Second half-year: Exercises in Turkish conversation and in the reading of Turkish newspapers. Mr. YOHANNAN

M. and W. at 4.30

### Courses in Semitic Languages at the Union Theological Seminary

It is hoped to give full announcement of these courses in the circular soon to be issued by the departments of Oriental Languages. Such courses may be counted as part of the work required for the degrees of Master of Arts and Doctor of Philosophy

## INDO-IRANIAN LANGUAGES

The courses of instruction in this department are intended to be introductory to the study of comparative philology, and of the history of religion, as well as to the study of the history, antiquities, and literature of India and Persia, and also of Armenia. The course arranged for beginners, Sanskrit I, may be taken with advantage in connection with any of the Latin, Greek, or other linguistic courses

Courses I and II are open to Seniors in Columbia College and to university students. Courses III, IV, V, VI, VII, X, and XI are open to advanced students. Courses VIII and IX are open to students pursuing one other course in the department

All the courses in the Indo-Iranian languages are open to auditors

## Courses

I—Sanskrit, Elementary Course. Whitney's *Grammar*, Perry's *Primer*, Lanman's *Reader*. Professor JACKSON

M., W., and F. at 1.30

II—Avestan, Elementary Course. Grammar and reading of texts. Jackson's *Avesta Series : Part I, Grammar ; Part II, Texts*. Professor JACKSON

W. and F. at 12.30

III—Sanskrit, Advanced Course. First half-year : Manu with the Commentary of Kullūka, or a Sanskrit Drama. Second half-year : Introduction to the study of the Veda. Professor JACKSON

M. and W. at 2.30

IV—Avestan, Advanced Course. Interpretation of texts, antiquities, and literature. Geldner's *Text of the Avesta*. Professor JACKSON

Two hours weekly. Hours to be arranged

V—Pāli, Elementary Course. E. Müller's *Simplified Pāli Grammar*, Elwell's *Nine Jātakas*. Professor JACKSON

Th. at 9.30

VI—Old Persian Cuneiform Inscriptions. Spiegel's *Die altpersischen Keilinschriften*, Bartholomae's *Handbuch der altiranischen Dialekte*, Weissbach and Bang's *Die altpersischen Keilinschriften*. Professor JACKSON

Th. at 1.30

First half-year only

This course is to run parallel with the Advanced Avestan

VII—Pahlavi, Introductory Course. C. de Harlez's *Manuel du Pehlevi*. Professor JACKSON

Th. at 1.30

Second half-year only

This course is to run parallel with the Advanced Avestan

VIII—Sanskrit Literature. Lectures on the Literature of the Vedic Period. Professor JACKSON

Tu. at 2.30

First half-year only

IX—Lectures on Comparative Iranian Grammar. Professor JACKSON  
Tu. at 2.30

Second half-year only

Given in 1896-7 and each alternate year thereafter

X—Zoroaster and Buddha and their Teaching : Lectures. Professor JACKSON

One hour weekly. Hour to be arranged

Given in 1896-7 and each alternate year thereafter

XI—Modern Persian, Introductory Course. First half-year : Grammar and reading. Salemann and Shukovski's *Persische Grammatik*. Second half-year : Interpretation of Sa'di's *Gulistan*. Mr. YOHANNAN

Tu. and F. at 1.30

### Course in Armenian

I—Principles of the Grammar with selected readings. Mr. YOHANNAN  
Th. at 2.30

Second half-year only

### Lectures

A course of afternoon lectures on the literature, antiquities, and religion of ancient India and Persia, open to all students of the university and to auditors, was given during the winter of 1895-6, beginning on the first Thursday in December and continuing until March. It is intended that this course of general lectures shall be offered each alternate year hereafter

### CLASSICAL PHILOLOGY

HENRY DRISLER, LL.D . . . . .	Professor ( <i>Emeritus</i> )
HARRY THURSTON PECK, Ph.D., L.H.D . . . . .	Professor
EDWARD DELAVAN PERRY, Ph.D. . . . .	Professor
JAMES RIGNALL WHEELER, Ph.D. . . . .	Professor
JAMES CHIDESTER EGBERT, JR., A.M., Ph.D . . . . .	Adjunct Professor
NELSON GLENN MCCREA, Ph.D. . . . .	Instructor
CLARENCE HOFFMAN YOUNG, A.M., Ph.D. . . . .	Instructor
HENRY JAGOE BURCHELL, JR., A.B. . . . .	Lecturer

### GREEK (INCLUDING ARCHÆOLOGY AND EPIGRAPHY)

Courses I, II, III, IV, V, VI, VII, VIII, and IX are open to Seniors in Columbia College and to university students : Course X and the Seminar are open to advanced students only

Courses I and II may not be counted toward the degree of Master of Arts or Doctor of Philosophy ; Courses III, IV, and V may not be so counted except as the basis of special work done in connection therewith



All the courses in this department, except I and II, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

Courses IV, V, VI, VII, VIII, and IX are open to auditors

### Courses

I—Sophocles, *Electra*; Æschylus, *Choephora*; selections from Thucydides; an additional play of Æschylus for private reading, with occasional conferences with the instructor. Exercises in writing Greek, optional. Dr. YOUNG and Professor WHEELER

M., Tu., and Th. at 10.30

II—Rapid Reading of Homer, Hesiod, and Theocritus, with occasional lectures. Professor PERRY

M. and F. at 10.30

III—Lectures on Greek Literature, with readings; Part II, Prose. Two-hours lecture, one hour reading. Professor WHEELER

M., W., and F. at 9.30

IV—Greek Testament: Gospels and Acts. Dr. YOUNG

Tu. and Th. at 1.30

First half-year only

V—Greek Testament: Epistles. Dr. YOUNG

Tu. and Th. at 1.30

Second half-year only

VI—Pindar, the Odes and Fragments, with lectures on the history of Greek lyric poetry, and readings from the Pre-Pindaric poets. Professor PERRY

M., Tu., and Th. at 10.30

VII—Readings from Pausanias, with illustrated lectures on the monuments of Olympia and Attica. Dr. YOUNG and Professor WHEELER

Tu. and Th. at 9.30

VIII—Manners and Customs of the Ancient Greeks. Dr. YOUNG

M. and W. at 2.30

Given in 1896-7 and each alternate year thereafter

IX—Introduction to Greek Archæology. Professor WHEELER and Dr. YOUNG

W. at 11.30

Given in 1896-7, 1897-8, and thereafter every alternate year

X—Greek Dialects, Part II: Ionic and Æolic. Professor PERRY

Th. at 2.30

First half-year only

### Seminar

First half-year: Interpretation of a Greek author. Professor WHEELER  
Alternate Tuesdays, 3.30 to 5.30

Second half-year: Discussion of selected topics in Greek grammar. Professor PERRY

Alternate Thursdays, 3.30 to 5.30



## Courses in New Testament Greek at the Union Theological Seminary

It is hoped to give full announcement of these courses in the forthcoming special circular concerning the courses in Classical Philology. These courses at the Seminary may be offered as part of the work required for the degrees of Master of Arts and Doctor of Philosophy

### LATIN (INCLUDING ARCHÆOLOGY AND EPIGRAPHY)

Courses I, II, III, IV, V, VI, and XI are open to Seniors in Columbia College and to university students

Courses VII, VIII, IX, X, XII, XIII, and the Seminar are open to advanced students only

Courses I, II, III, and IV may not be counted toward the degree of Master of Arts or Doctor of Philosophy

All the courses in this department except I and II are open to women on the same terms as to men. Women wishing to enter any of the courses as candidates for a degree or as special students must register through Barnard College

Courses V, VI, VIII, IX, XI and XII are open to auditors

### Courses

I—The Satires of Juvenal. Lectures on Roman Satire. Professor EGBERT  
Tu. and Th. at 2.30

II—The Epigrams of Martial. Professor EGBERT  
Tu. and Th. at 2.30  
Second half-year only

III—Cicero, De Finibus. Lectures on Ancient Philosophy. Dr. MCCREA  
Tu. and F. at 10.30

IV—The Roman Drama : Terence and Plautus. Lectures on Roman Comedy. Dr. MCCREA  
Tu. and Th. at 12.30

V—Cicero in his Letters. Dr. MCCREA  
M. and F. at 12.30

VI—Lectures on the History and Development of the Latin Language down to the present day. Professor PECK  
M. and W. at 3.30

VII—The Satires of Persius. Professor PECK  
M. and W. at 2.30  
First half-year only

VIII—Interpretation of the Tragic Fragments of Ennius. Professor PECK  
M. and W. at 2.30  
Second half-year only

IX—Lectures on Latin Bibliography. Professor PECK  
Tu. at 2.30

- X—Latin Palæography and Diplomatics. Professor EGBERT  
One hour weekly
- XI—Introduction to the Study of Latin Inscriptions. Professor EGBERT  
M. and W. at 2.30
- XII—Livy. Lectures on the Sources of Roman History. Professor EGBERT  
Two hours weekly
- XIII—Reading of the Septuagint and Vulgate : The Book of Job. Professor  
EGBERT  
One hour weekly  
Second half-year only  
This course forms a parallel to Semitic III

### Seminar

- Discussion of selected topics relating to Latin literature and Roman archæ-  
ology. Professors PECK and EGBERT  
Twice monthly

## GERMANIC LANGUAGES AND LITERATURES

WILLIAM HENRY CARPENTER, Ph.D.	.	.	.	.	.	.	Professor
CALVIN THOMAS, A.M.	.	.	.	.	.	.	Professor
EUGENE HOWARD BABBITT, A.B.	.	.	.	.	.	.	Instructor
—	.	.	.	.	.	.	Tutor

Courses I, II, III, IV, V, VI, VII, VIII, and IX are open to Seniors in Columbia College and to university students ; the Seminar is open to advanced students only

All the courses in this department, except III, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

Course III is intended primarily for candidates for the degree of A.B., and cannot be counted for a higher degree

Courses I, II, IV, V, VI, VII, VIII, and IX are open to auditors

### Courses in German

- I—Goethe's *Faust*—First and second parts with commentary. Professor THOMAS  
W. and F. at 9.30
- II—History of German Literature—Lectures. Professor THOMAS  
Tu. and Th. at 9.30
- III—Historical Prose, chiefly from Freytag's *Bilder aus der deutschen Vergangenheit*. Reading at sight. Mr. BABBITT  
M. and W. at 3.30

IV—History of the New High German Language : Lectures. Professor W. H. CARPENTER

M. and W. at 3.30

V—Middle High German. Wright, *Middle High German Primer*; Paul, *Mittelhochdeutsche Grammatik*; Weinhold, *Mittelhochdeutsches Lesebuch*. Professor THOMAS

M. and W. at 2.30

### Optional Courses in German

None of these courses may be counted for a degree

Elementary Course

Intended for students who have not studied German before entering the University. Members of this class will be prepared to join one of the following courses at the beginning of the second year, either of which will be accepted as an equivalent of the reading knowledge of German required of candidates for the degree of Doctor of Philosophy in the School of Philosophy and the School of Mines

M., W., and F. at 9.30

Sight Reading. Mr. BABBITT

Tu. and Th. at 9.30

Open to all university students

Scientific German : Gore, *German Scientific Reader*

Tu. and Th. at 2.30

Open to all university students

### Courses in Gothic

VI—Gothic : Wright, *Primer of the Gothic Language*; Braune, *Gothic Grammar*; Bernhardt, *Die gotische Bibel*. Professor W. H. CARPENTER

Tu. and Th. at 2.30

Second half-year only

### Courses in Scandinavian

VII—Icelandic, Advanced Course : Noreen, *Altnordische Grammatik*; Jons-son, *Eddalieder*; Sijmons, *Die Lieder der Edda*; Gering, *Glossar zu den Liedern der Edda*. Professor W. H. CARPENTER

M. and W. at 2.30

VIII—History of Scandinavian Literature : Lectures. First half-year : Old Norse Literature. Professor W. H. CARPENTER. Second half-year : Modern Danish-Norwegian Literature. Professor THOMAS

Tu. and Th. at 2.30

### Courses in Germanic Philology

IX—Elements of Comparative Germanic Grammar : Lectures and exercises. First half-year : Phonology. Second half-year : Morphology. Professor W. H. CARPENTER

Tu. and Th. at 3.30

## Seminar

First half-year: The beginnings of German Romanticism. Second half-year: Notker and his School. Professors W. H. CARPENTER and THOMAS  
Two hours weekly

## ROMANCE LANGUAGES AND LITERATURES

ADOLPHE COHN, LL.B., A.M.*	. . . . .	<i>Professor</i>
HENRY ALFRED TODD, Ph.D	. . . . .	<i>Professor</i>
CARLO LEONARDO SPERANZA, LL.B., A.M.	. . . . .	<i>Instructor</i>
BENJAMIN DURYEA WOODWARD, Ph.D.	. . . . .	<i>Instructor</i>
LOUIS MARIE AUGUSTE LOISEAUX, S.B.	. . . . .	<i>Tutor</i>
CURTIS HIDDEN PAGE, Ph.D.	. . . . .	<i>Tutor</i>
— . . . . .	. . . . .	<i>Lecturer</i>

Courses VII and VIII in French in this department are given by Professor Brander Matthews of the Department of Literature

Courses I in French, I in Italian, and I in Spanish may not be counted for the degrees of A.M. and Ph.D.

Courses I, II, III, IV, V, VI, IX, XI, XII in French, I, II, III in Italian, I, II, III in Spanish are open to Seniors in Columbia College and to university students; the remaining courses are open to advanced students only

Courses VI, X, XI, XII, XIII in French, I in Provençal, IV, V, in Italian, IV, V in Spanish, I, II, and III in Romance Philology, are open to women on the same terms as to men. Women wishing to enter any of the courses as special students or as candidates for a degree must register through Barnard College

The following courses of this department are open to auditors: French VI, XI, XII, XIII; Italian IV, V; Spanish V

## Courses in French

Elementary Course. Three hours weekly, first half-year. Dr. PAGE

Intended for advanced students who have not studied French before entering college, and who are willing to work hard enough to be able to join Course A† at the beginning of the second term. May not be counted for a degree

I—French Rhetoric: Principles of French prose and verse composition. Dr. PAGE and Mr. —

M., W., and F. at 2.30

Course I is open only to students who have taken Course B† or its equivalent

II—History of French Literature in the Seventeenth Century. Dr. PAGE and Mr. LOISEAUX

M., W., and F. at 9.30

Course II is open only to students who have taken Course B† or its equivalent

\* Absent on leave, 1896-7.

† Courses A and B are the undergraduate courses of the first and second year, respectively, in Columbia College.

The following courses are open only to students who have taken Course I or its equivalent :

III—History of French Literature in the Eighteenth Century : Voltaire. Professor COHN

Three hours weekly

Not given in 1896-7. Will be given in 1897-8

IV—History of French Literature in the Eighteenth Century : Montesquieu, Rousseau, the Encyclopædists. Dr. WOODWARD

Tu., W., and F. at 10.30

V—History of French Poetry in the first half of the Nineteenth Century, especially Victor Hugo and the romantic movement. Dr. PAGE

Tu. at 11.30

VI—History of Literary Criticism in France, especially Sainte-Beuve and Roussetière. Mr. LOISEAUX

Tu. at 3.30

VII—The French Dramatists of the Nineteenth Century. Professor BRANDER MATTHEWS

Tu. and Th. at 2.30

First half-year only

VIII—Molière and His Dramatic Method. Professor BRANDER MATTHEWS

Not given in 1896-7. Will be given in 1897-8

IX—Writers of the Sixteenth Century, especially Montaigne. Mr. LOISEAUX

F. at 1.30

X—Critical Bibliography of French Literature from the Sixteenth to the Nineteenth Century. Professor COHN, Dr. WOODWARD, Mr. LOISEAUX and Dr. PAGE

Two hours weekly

Not given in 1896-7. Will be given in 1897-8

XI—Old French : Reading of selected extracts. Dr. WOODWARD

Tu. and Th. at 2.30

First half-year only

XII—The French Chroniclers of the Middle Ages : Villehardouin, Joinville, Froissart, Comines. Dr. WOODWARD

Tu. and Th. at 2.30

Second half-year only

XIII—Methods of Teaching French. Professor COHN

Two hours weekly

Not given in 1896-7. Will be given in 1897-8

For Seminars see below, p. 33

### Optional Courses in French

French Conversation—Elementary course. One hour weekly. Mr. —

French Conversation—Advanced course. One hour weekly. Mr. —

For other courses in French see under Romance Philology

For Seminars see below, p. 33

### Courses in Provençal

I—Old Provençal. Professor TODD

Sat. 11-1

For other courses in Provençal see under Romance Philology

### Courses in Italian

I—Elementary Course: Grammar, reading, and composition. Mr. SPERANZA

M., W., and F. at 2.30

II—Italian Literature in the Fifteenth and Sixteenth Centuries: Ariosto, Tasso, Machiavelli; Composition. Mr. SPERANZA

M., W., and F. at 3.30

Alternates with Course III

Open only to students who have taken Course I or its equivalent

III—Italian Literature in the Thirteenth and Fourteenth Centuries, exclusive of the *Divina Commedia*: Dante's *Vita Nuova*, Petrarca, Boccaccio. Composition. Mr. SPERANZA

M., W., and F. at 3.30

Alternates with Course II

Open only to students who have taken Course I or its equivalent

Not given in 1896-7. Will be given in 1897-8

IV—Critical study of Dante's *Divina Commedia*. Mr. SPERANZA

Tu. and Th. at 2.30

Two hours weekly for two years

Open only to students who have taken either Course II or Course III, or the equivalent of either of them

V—History of Italian Literature. Lectures and private reading. Mr. SPERANZA

One hour weekly

For other courses in Italian see Romance Philology

### Courses in Spanish

I—Elementary Course: Grammar, reading, and composition. Professor TODD and Mr. LOISEAUX

M. at 10.30, W. and Th. at 9.30

II—Don Quijote and the time of Cervantes; Composition. Mr. SPERANZA

Tu., Th., and F., at 9.30

Alternates with Course III

Open only to students who have taken Course I or its equivalent



III—The Classical Dramatists of Spain : Lope de Vega, Calderon, etc.  
Composition. Mr. SPERANZA

Tu., Th., and F., at 9.30

Alternates with Course II

Open only to students who have taken Course I or its equivalent

Not given in 1896-7. Will be given in 1897-8

IV—The Origins of Spanish Poetry ; *El Poema del Cid*. Professor TODD

One hour a week

Open only to students who have taken either Course II or Course III, or the equivalent of either of them

V—History of Spanish Literature : Lectures and private reading. Professor COHN

Not given in 1896-7. Will be given in 1897-8

For other courses in Spanish see under Romance Philology

### Courses in Romance Philology

I—Introduction to Romance Philology. Professor TODD

Tu. and F., at 3.30

II—The Formative Elements of Romance Speech. Professor TODD

One hour a week

Alternates with Course III

III—Old French Dialects. Professor TODD

Th. at 11.30

Alternates with Course II

Not given in 1896-7. Will be given in 1897-8

### Seminar in Romance Literature

Special topics in Romance Literature. In 1896-7 the subject will be : The novel and the drama in France and Italy during the Eighteenth Century. Professor TODD, Mr. SPERANZA, Dr. WOODWARD, Mr. LOISEAUX, and Dr. PAGE

Tu. and Th. at 4.30

### Seminar in Romance Philology

Special Topics in Romance Philology. Professor TODD

In 1896-7 the subject will be : The classification of manuscripts and the constitution of texts

M., 11.30-1.30

For other courses see under French, Provençal, etc.

### Courses in Portuguese

In case there should be a demand on the part of competent students, provision will be made for the teaching of Portuguese

### Public Lectures

Once a week a lecture will be given in French by one of the instructors in the Department, or by some invited lecturer. The name of the lecturer and the subject will be announced one week in advance

Every year the Department offers a course of four lectures in English upon one of the great writers of the Romance nations. In 1895-6 Mr. Speranza lectured on Dante. The subject for 1896-7 will be Victor Hugo, and the lecturer Dr. Page. In 1897-8 Professor Cohn will lecture upon Voltaire

All these lectures are open to all members of the university and to auditors

### Romance Club

Reports on the most important articles in leading periodicals are given at stated times in the meetings of the Romance Club

## Consultation Hours

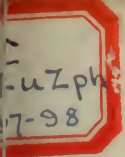
Students desiring to consult the Dean or any officer of instruction in the Faculty of Philosophy are referred to the following consultation hours for 1896-7 :

The Dean	Monday and Wednesday at 2, Room 46, Hamilton Hall
Professor Price	Daily, except Friday, at 1.30, Room 42, Hamilton Hall
Professor Peck	Friday at 12, Room 20, Hamilton Hall
Professor W. H. Carpenter	Friday at 12, 54 East 49th St.
Professor Gottheil	Friday at 2.30, 54 East 49th St.
Professor Cattell	Friday at 1.30, Psychological Laboratory
Professor Perry	Tuesday and Friday at 11.30, Room 13, Hamilton Hall
Professor Jackson	Monday at 10.30, 54 East 49th St.
Professor Cohn	Absent on leave
Professor Woodberry	Wednesday at 1.30, Room 34, Hamilton Hall
Professor Brander Matthews	Tuesday at 3.30, Room 35, Hamilton Hall
Professor Todd	Tuesday and Friday, 4.30 to 5.30, 52 East 49th St.
Professor G. R. Carpenter	Wednesday and Thursday at 12.30, 54 East 49th St.
Professor Wheeler	Friday at 12.30, Room 13, Hamilton Hall
Professor Hyslop	Friday at 1, Room 46, Hamilton Hall
Professor Egbert	Thursday, 12.30 to 1.30, 54 East 49th St.
Professor Thomas	
Mr. Speranza	Tuesday and Friday at 3.30, 52 East 49th St.
Dr. Woodward	Thursday at 2.30, 52 East 49th St.
Dr. McCrea	Thursday at 2.30, Room 22, Hamilton Hall
Dr. Young	Tuesday at 12.30, Room 14, Hamilton Hall
Dr. Farrand	Tuesday at 11.30, Psychological Laboratory
Mr. Loiseaux	Thursday, 2.30 to 3.30, 52 East 49th St.
Mr. Babbitt	Tuesday and Thursday at 3.30, 54 East 49th St.
Dr. Wilde	Monday at 1, Room 46, Hamilton Hall
Mr. Strong	Friday at 11.30, Psychological Laboratory

## ACADEMIC CALENDAR

---

- 1896—Sept. 30—Matriculation and Registration begin, Wednesday.  
Oct. 5—First term, 143d year, begins, Monday.  
Nov. 3—Election Day, Tuesday, holiday.  
Nov. 26—Thanksgiving Day, Thursday, holiday.  
Nov. 27—Friday, holiday.  
Dec. 21—Christmas holidays begin, Monday.  
1897—Jan. 2—Christmas holidays end, Saturday.  
Feb. 6—First term ends, Saturday.  
Feb. 8—Second term begins, Monday.  
Feb. 12—Lincoln's Birthday, Friday, holiday.  
Feb. 22—Washington's Birthday, Monday, holiday.  
March 3—Ash-Wednesday, holiday.  
April 16—Good-Friday, holiday.  
May 30—Memorial Day, Sunday.  
May 31—Monday, holiday.  
June 9—Commencement, Wednesday.  
Sept. 29—Matriculation and Registration begin, Wednesday.  
Oct. 4—First term, 144th year, begins, Monday.



LIBRARY  
OF THE  
UNIVERSITY of ILLINOIS



Columbia University  
in the City of New York

SCHOOL OF PHILOSOPHY

ANNOUNCEMENT

1897-98





## FACULTY OF PHILOSOPHY

---

- SETH LOW, LL.D., *President*
- HENRY DRISLER, LL.D., *Jay Professor of the Greek Language and Literature (Emeritus)*
- THOMAS RANDOLPH PRICE, M.A., LL.D., *Professor of the English Language and Literature*
- HARRY THURSTON PECK, Ph.D., *Professor of the Latin Language and Literature*
- NICHOLAS MURRAY BUTLER, Ph.D., *Professor of Philosophy and Education, and Dean*
- WILLIAM HENRY CARPENTER, Ph.D., *Professor of Germanic Philology*
- JAMES MCKEEN CATTELL, Ph.D., *Professor of Psychology*
- EDWARD DELAVAN PERRY, Ph.D., *Jay Professor of the Greek Language and Literature, and Secretary*
- ABRAHAM VALENTINE WILLIAMS JACKSON, Ph.D., *Professor of the Indo-Iranian Languages*
- ADOLPHE COHN, LL.B., A.M., *Professor of the Romance Languages and Literatures*
- GEORGE EDWARD WOODBERRY, A.B., *Professor of Literature*
- BRANDER MATTHEWS, A.M., LL.B., *Professor of Literature*
- RICHARD JAMES HORATIO GOTTHEIL, Ph.D., *Professor of Rabbinical Literature and the Semitic Languages*
- HENRY ALFRED TODD, Ph.D., *Professor of Romance Philology*
- GEORGE RICE CARPENTER, A.B., *Professor of Rhetoric and English Composition*
- JAMES RIGNALL WHEELER, Ph.D., *Professor of Greek*
- JAMES CHIDESTER EGBERT, Jr., Ph.D., *Adjunct Professor of Latin*
- JAMES HERVEY HYSLOP, Ph.D., *Professor of Logic and Ethics*
- CALVIN THOMAS, A.M., *Professor of Germanic Languages and Literatures*
- CARLO LEONARDO SPERANZA, LL.B., A.M., *Adjunct Professor of the Romance Languages and Literatures*
- EDWARD ALEXANDER MACDOWELL, Mus.D., *Professor of Music*

## OTHER OFFICERS

## OTHER OFFICERS

- CLARENCE HOFFMAN YOUNG, Ph.D., *Instructor in Greek*  
 EUGENE HOWARD BABBITT, A.B., *Instructor in the Germanic Languages and Literatures*  
 LIVINGSTON FARRAND, A.M., M.D., *Instructor in Physiological Psychology*  
 BENJAMIN DURYEA WOODWARD, Ph.D., *Instructor in the Romance Languages and Literatures*  
 NELSON GLENN MCCREA, Ph.D., *Instructor in Latin*  
 LOUIS MARIE AUGUSTE LOISEAUX, *Tutor in the Romance Languages and Literatures*  
 CURTIS HIDDEN PAGE, Ph.D., *Tutor in the Romance Languages and Literatures*  
 NORMAN WILDE, Ph.D., *Assistant in Philosophy*  
 JOHN ANGUS MACVANNEL, A.M., *Assistant in Philosophy*  
 ABRAHAM YOHANNAN, A.M., *Lecturer in Oriental Languages*  
 CHARLES AUGUSTUS STRONG, A.B., *Lecturer in Psychology*  
 FRANZ BOAS, Ph.D., *Lecturer in Physical Anthropology*  
 HENRY OSBORN TAYLOR, A.B., LL.B., *Lecturer in Literature*

## PROFESSORS OF TEACHERS COLLEGE

## HAVING SEATS IN THE FACULTY OF PHILOSOPHY

- WALTER LOWRIE HERVEY, Ph.D., *President*  
 JOHN FRANCIS WOODHULL, A.B., *Professor of Natural Science*  
 CHARLES ALPHEUS BENNETT, B.S., *Professor of Manual Training*  
 JOHN FRANKLIN REIGART, A.B., *Professor of Psychology and General Method*  
 FRANKLIN THOMAS BAKER, A.M., *Professor of the English Language and Literature*  
 EDWARD HOWARD CASTLE, A.M., *Professor of History*

## OFFICERS OF ADMINISTRATION OF THE UNIVERSITY

- GEORGE H. BAKER, A.M., *Librarian*  
 WILLIAM H. H. BEEBE, *Secretary*  
 GEORGE F. FISHER, *Bursar*

## Faculty of Philosophy

The Faculty of Philosophy has charge of the university courses of instruction and research in philosophy, psychology, philology, and letters. Any duly matriculated university student is at liberty to combine courses of study and investigation under this faculty with courses offered by the Faculties of Political Science, Pure Science, Law, Medicine, and Applied Science.

Students are received either as candidates for the degrees of Bachelor of Arts (through Columbia College), Master of Arts, or Doctor of Philosophy, or to pursue special or partial courses.

Students enrolled in the General, the Union, or the Jewish Theological Seminary, in the city of New York, who may be designated for the privilege by the authorities of these institutions, and accepted by the President of Columbia University, are admitted to the courses offered by the Faculty of Philosophy free of all charge for tuition.

Students enrolled in the Art Schools of the Metropolitan Museum of Art, who may be designated for the privilege by the authorities of these schools, and accepted by the President of Columbia University, are permitted to attend the courses of lectures on archæology and æsthetics free of all charge for tuition.

By the terms of an alliance between Columbia University and Teachers College, 120th Street near Amsterdam Avenue, duly qualified students of Teachers College are permitted to enter the courses offered by the Faculty of Philosophy, either as candidates for degrees or as special students.

These institutions offer reciprocal privileges to students of Columbia University.

Certain courses, specified in the introductory statement under each departmental announcement, are open to women on the same terms as to men. Women wishing to enter any of these courses must register through Barnard College.

### Admission and Attendance

Students desiring to pursue their studies under the direction of the Faculty of Philosophy as candidates for a degree must have completed the curriculum of some college in good standing at least to the close of the Junior year. Certificates of graduation or dismissal from institutions of learning in foreign countries are also accepted.

Candidates for the degree of Bachelor of Arts are required to pursue courses of instruction amounting in all to not less than 15 hours of attendance per week for one year, and must conform to the requirements regarding a graduation thesis which are established for members of the Senior Class in Columbia College.

Candidates for the degrees of Master of Arts and Doctor of Philosophy must hold a bachelor's degree from some college in good standing, and remain in residence for not less than one and two years, respectively. They are required to pursue courses of study or research in one major and two minor subjects, but are not held to any fixed number of hours of attendance per week.

When candidates for the degrees of Master of Arts or Doctor of Philosophy are permitted to offer, as part of the requirement for those degrees, work done at the Union Theological Seminary in Semitic Languages or in Greek, a record of the additional work assigned, approved by the head of the appropriate department in Columbia University, must be filed in the office of the Dean immediately after the candidate's registration is completed. The examinations on all such work, including that done at the Union Seminary in the subject chosen, will be conducted at Columbia University by officers designated for the purpose by the President.

For a further statement, see the regulations for university degrees, below.

Candidates for the degree of Doctor of Philosophy who have been in residence at other universities for not less than one half-year are given credit for such residence.

Students who are not candidates for a degree are admitted to any courses which they are found competent to undertake. Of this competency the head of the department in which the special student wishes to study shall be in each case the judge. If, at the close of his period of study in any department, the special student shall prepare such an essay and stand such examination as would be required of a candidate for the degree of Master of Arts offering that study as his major subject, he may be recommended by the head of that Department and the Dean of the Faculty to the University Council for a special certificate of proficiency in the department that he has chosen.

There are no examinations for admission, either as candidates for a degree or as special students. Students are admitted at any time during the year, and may present themselves for examination for a degree whenever the requirements as to residence and an essay or dissertation have been complied with.

### Matriculation and Registration

Each student on first connecting himself with Columbia University is required to sign the matriculation book in the office of the Bursar, and pay a fee of \$5.00. Immediately after matriculation, and before entering upon his studies each year thereafter, every student who desires to pursue his studies, either wholly or in part, under the direction of the Faculty of Philosophy must register himself for that faculty in the office of the Bursar. He will then receive by mail a registration book from the Dean of the Faculty. Until his registration is completed, no student is entitled to attend any university exercises whatever, nor will any attendance previous to matriculation and registration be counted as part of the residence required for a degree.

From September 29 to October 5, 1897, the Dean will be in his office daily from 10.30 A.M. to 12.30 P.M., and from 2 to 4 P.M., to meet students who desire to enter the School of Philosophy.

### Auditors

Certain courses of lectures enumerated in the general statement prefixed to the list of courses offered by each department are open to the public, men and women alike, on payment of an auditor's fee. No auditor will be admitted to any course without the consent of the instructor, previously obtained. Auditors' tickets must be procured from the Bursar, and shown to the instructors in charge of the courses for which they are issued, before attendance upon the courses is begun.

## University Degrees

### Regulations for the Degrees of Master of Arts and Doctor of Philosophy

1 Candidates for the degrees of Master of Arts and Doctor of Philosophy must hold a baccalaureate degree in arts, letters, philosophy, or science, or an engineering degree, or an equivalent of one of these from a foreign institution of learning.

The Deans of the several schools will require candidates for the higher degrees to present satisfactory evidence that they are qualified for the studies they desire to undertake.

2 Candidates for the degrees of Master of Arts and Doctor of Philosophy must pursue their studies in residence for a minimum period of one and two years, respectively.\* The year spent in study for the degree of Master of Arts is credited on account of the requirement for the degree of Doctor of Philosophy. Residence at other universities may be credited to a candidate. In certain cases and by special arrangement, time exclusively devoted to investigation in the field will be credited in partial fulfilment of the time required. No degree will be conferred upon any student who has not been in residence at Columbia University for at least one year.

3 Each student who declares himself a candidate for the degrees of Master of Arts and Doctor of Philosophy, or either of them, shall, immediately after registration, designate one principal or major subject and two subordinate or minor subjects, which shall be the studies of his university course.

4 The subjects from which the candidate's selection must be made are :

#### UNDER THE FACULTY OF PHILOSOPHY :

1—*Major Subjects* : 1. Philosophy ; 2. psychology ; 3. education ; 4. linguistics ; 5. literature ; 6. music ; 7. classical archæology and epigraphy ; 8. Greek language and literature, and, incidentally, Grecian history ; 9. Latin language and literature, and, incidentally, Roman history ; and the following, *including in each case the study of both the language and the literature* : 10. English ; 11. Germanic ; 12. Romance ; 13. Sanskrit (with Pāli) and Iranian ;

\* In practice three years of study is usually necessary to obtain the degree of Doctor of Philosophy.



14. Semitic ; 15. Anthropology. Nos. 5, 11, 12, 13, and 14 count each as the equivalent of a major and one minor subject.

II—*Minor Subjects* : 1. Philosophy ; 2. psychology ; 3. logic ; 4. education ; 5. anthropology ; 6. linguistics ; 7. literature ; 8. music ; 9. Greek ; 10. Greek archæology ; 11. Latin ; 12. Roman archæology ; 13. Sanskrit ; 14. Iranian ; 15. English ; 16. Anglo-Saxon ; 17. Gothic ; 18. Germanic philology ; 19. German language and literature ; 20. Scandinavian languages and literatures ; 21. Romance philology ; 22. French language and literature ; 23. Spanish language and literature ; 24. Italian language and literature ; 25. Hebrew ; 26. Arabic ; 27. Assyrian ; 28. Syriac ; 29. Ethiopic ; 30. Semitic epigraphy ; 31. Turkish ; 32. Armenian.

In his choice of subjects under this faculty, the candidate is limited by the regulation that not more than two of the three subjects may be selected from those offered by any one department. A major subject will involve attendance at lectures and seminars amounting to four or more hours weekly ; a minor subject will involve attendance of two or more hours weekly.

#### UNDER THE FACULTY OF POLITICAL SCIENCE :

Group I—History and political philosophy : 1. European history ; 2. American history ; 3. political philosophy.

Group II—Public law and comparative jurisprudence : 1. constitutional law ; 2. international law ; 3. criminal law ; 4. administrative law ; 5. comparative jurisprudence.

Group III—Economics and social science : 1. political economy and finance ; 2. sociology and statistics.

In his choice of subjects under this faculty, the candidate is limited by the regulation that not more than two of the three subjects may be selected from any one of the above groups, and by the following rules :

Candidates offering European history as the major subject, must offer American history as one of the minor subjects, and *vice versa*.

Candidates offering political economy and finance as the major subject, must offer sociology and statistics as one of the minor subjects, and *vice versa*.

Candidates will not be permitted to offer constitutional law alone as the major subject for the degree of Doctor of Philosophy, but must combine with it the course on general international law, or on comparative administrative law.

Candidates offering international law, or criminal law, or administrative law as the major subject, must take constitutional law as one minor subject.

Candidates will not be permitted to offer criminal law alone as the major subject for the degree of Doctor of Philosophy, but must combine with it the course on general international law.

To be recognized as a major subject for the degree of Master of Arts the courses selected must aggregate at least two hours per week throughout the year, and must also include attendance at a seminar ; for a minor subject for the degree of Master of Arts, the attendance at a seminar is not required.

To be recognized as a minor subject for the degree of Doctor of Philosophy, courses must be taken, in addition to the requirements for a minor subject for



the degree of Master of Arts, aggregating two hours weekly. To be recognized as a major subject for the degree of Doctor of Philosophy, all of the courses and seminars offered in that subject must be taken.

#### UNDER THE FACULTY OF PURE SCIENCE :

Mathematics ; mechanics ; astronomy ; physics ; chemistry ; mineralogy ; geology ; palæontology ; zoölogy ; botany ; physiology ; anatomy ; bacteriology.

In his choice of subjects under this faculty, the candidate is limited by the regulation that no two of the subjects selected may be in any one department, unless the consent of the faculty thereto shall have first been obtained. Candidates are expected to devote at least one-half their time throughout their course of study to the major subject. In the case of laboratory courses this implies two days a week, or its equivalent, as determined by each department. Each minor subject is intended to occupy approximately one-fourth of the time during one year for the degree of Master of Arts, and during one or two years, according to the nature of the subject and the previous training of the candidate, for the degree of Doctor of Philosophy. Students may distribute the remainder of their time either in courses of major or minor reading in branches where their preparation is least complete, or in researches connected with their major subject.

#### UNDER THE FACULTY OF APPLIED SCIENCE :

Mining, metallurgy, engineering (civil, mechanical, electrical, and sanitary), and architecture.

The Faculty of Applied Science requires that at least one minor subject be taken under the Faculty of Pure Science.

A minor subject may be taken in the same department as the major, but no two minors may be taken in the same department. It is expected that fully half of the student's time throughout the course of study shall be devoted to the major subject, and one-quarter of the time during one year and an equal proportion of the second year, if necessary, to each of the minor subjects.

5 Each student is given a registration-book, which is signed by the professor or instructor in charge of each course of instruction or investigation at the beginning and end of every such course. This registration-book is to be preserved by the student as evidence of work accomplished and should be submitted to the Deans of the several faculties at the end of each year, that proper credit may be given and entered on the permanent records of the institution.

6 Students desiring to be examined as candidates for any degree must make written application for such examination to the Dean of the proper faculty, on blank forms provided for the purpose. All such applications must be made on or before April 1 of the academic year in which examination is desired, and must be accompanied by the candidate's registration-book, as above provided.

7 Each candidate for the degree of Master of Arts shall present an essay on some topic previously approved by the Professor in charge of his major

subject. Before the candidate is admitted to examination the professor in charge of his major subject must have signified his approval of such essay. The Faculty of Philosophy requires that this essay be presented not later than May 1 of the academic year in which the examination is to take place. The Faculty of Political Science requires this essay to be a paper read during the year before the seminar of which the candidate is a member.

8 Each candidate for the degree of Doctor of Philosophy shall present a dissertation, embodying the result of original investigation and research, on some topic previously approved by the faculty. When such dissertation has been approved by the faculty, it shall be printed by the candidate, and one hundred and fifty copies shall be delivered to the faculty, unless for reasons of weight a smaller number be accepted by special action of the University Council. On the title-page of every such dissertation shall be printed the words: "Submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy, in the Faculty of \_\_\_\_\_, Columbia University." There shall be appended to each dissertation a statement of the educational institutions that the author has attended, and a list of the degrees and honors conferred upon him, as well as the titles of any previous publications.

The several faculties have delegated the power to approve the subject chosen for his dissertation by any candidate for the degree of Doctor of Philosophy, as well as the power to approve the dissertation itself, to the professor in charge of the candidate's major subject.

The Faculties of Philosophy, Political Science, Pure Science, and Applied Science require the dissertation to be submitted not later than April 1 of the academic year in which the examination for the degree is desired. With the consent of the Dean and the professor in charge of the candidate's major subject the examination under the Faculty of Political Science may be held before the printed dissertation is submitted.

The Faculty of Pure Science requires that the dissertation be printed in the size and form of either the *Annals* or *Memoirs* of the New York Academy of Sciences, according to the nature of the subject, and delivered to the faculty before the final examination.

The Faculty of Applied Science requires the dissertation to be printed in the size and style of the *School of Mines Quarterly*, and delivered to the faculty not later than May 1 of the academic year in which the examination is to take place.

9 Every candidate for the degree of Doctor of Philosophy, in addition to passing such other examinations as may be required by the faculty, shall be subjected to an oral examination on his major subject, and shall defend his dissertation in the presence of the entire faculty or of so many of its members as may desire to attend. The ability to read at sight Latin, French, and German is required by the Faculties of Philosophy and Political Science; the ability to read at sight French and German is required by the Faculties of Pure Science and of Applied Science, to be certified in each case by the dean of the faculty concerned.

10 Students holding college degrees, who shall have completed with marked

distinction one of the regular courses in the School of Law, the School of Medicine, or the School of Mines, Chemistry, Engineering, or Architecture, may be recommended for the degree of Master of Arts ; provided that in each case the candidate presents a satisfactory dissertation, and that at least a part of the extra work required of him for the degree of Master of Arts be taken under the direction of either the Faculty of Philosophy, the Faculty of Political Science, or the Faculty of Pure Science, to the extent of a minor course for not less than one year.

## University Fellowships

Twenty-four university fellowships have been established, tenable for one year, with a possibility of reappointment for reasons of weight. Applications for fellowships should be addressed to the President of Columbia University. The following rules regarding the fellowships have been established by the University Council :

1 The application shall be made prior to March 1, in writing, addressed to the President of Columbia University. Applications received later than March 1 may fail of consideration. The term of each fellowship is one year, dating from July 1. Residence should begin October 1.

2 The candidate must give evidence

(a) Of a liberal education, such as a diploma already granted, or about to be received, from a college or scientific school of good repute ;

(b) Of decided fitness for a special line of study, such as an example of some scientific or literary work already performed ;

(c) Of upright character, such as a testimonial from some instructor.

3 The value of each fellowship is five hundred dollars. Payments will be based on the time during which the fellow shall have been in residence, and are made in quarterly instalments beginning November 30. The holder of a fellowship is exempt from the charges for tuition.

4 Every holder of a fellowship will be expected to perform such duties as may be allotted to him in connection with his course of study, which course shall be such as to lead to the degree of Doctor of Philosophy. He will be expected to devote his time to the prosecution of special studies under the direction of the head of the department to which he belongs, and before the close of the academic year to give evidence of progress by the preparation of a thesis, the completion of a research, the delivery of a lecture, or by some other method. He must reside in New York or vicinity during the academic year.

5 No holder of a fellowship shall be permitted to pursue a professional or technical course of study during his term. With the written approval of the President, but not otherwise, he may give instruction or assistance in any department of the university.

6 No fellow shall be allowed to accept remunerative employment except by written permission of the President, and the acceptance of any such employment without such permission shall operate to vacate the fellowship.

7 A fellow may be reappointed at the end of the year for reasons of weight. No fellow may be reappointed for more than two terms of one year each.

8 As these fellowships are awarded as honors, those who are disposed, for the benefit of others or for any other reason, to waive the pecuniary emolument, may do so, and still have their names retained on the list of fellows.

### Henry Drisler Fellowship in Classical Philology

This fellowship, of the annual value of five hundred dollars, was established in 1894 in commemoration of the semi-centennial in the service of this university of Henry Drisler, LL.D., of the class of 1839, who held the chairs of both Latin and Greek in Columbia College.

Applicants for this fellowship must be Bachelors of Arts of Columbia College, or of some other college of equivalent standing, and must have pursued the study of Greek and Latin throughout their undergraduate course. They must present testimonials from their instructors in Greek and Latin as to their zeal and success in the study of these languages, and must give evidence of fitness for a wider and more profound study of the same, and for independent research. Such evidence may be shown by the results of a special examination, or by the production of an essay or published treatise in some department of classical study. Applicants must also have a sufficient knowledge of French and German to use those languages readily in the prosecution of their studies, and must present a certificate of good moral character.

The appointment to the fellowship will be made by the University Council on the joint recommendation to the Professors of Greek and Latin. The appointment shall be for one year, and the holder, for reasons of weight, may be reappointed; but the fellowship shall not be held by the same person for more than three years.

The fellow must study at Columbia University under the direction of the Professors of Greek and Latin, unless permitted by the Council to spend a year in some foreign university, in the American School of Classical Studies at Athens, or in the American School of Classical Studies at Rome.

## University Scholarships

There have been established by the Trustees of Columbia University thirty university scholarships, to be awarded annually to students in the Faculties of Philosophy, Political Science, and Pure Science. Those scholarships are awarded under the following regulations, prepared by the authority of the University Council and with its approval:

1 The university scholarships are open to all graduates of colleges and scientific schools whose course of study has been such as to entitle them to be enrolled at Columbia University as candidates for a university degree.

2 These scholarships are tenable for one academic year, with a possibility of renewal for one year longer. They are of an annual value of one hundred and fifty dollars each.

3 Payments will be made to university scholars in two equal instalments: one on October 1, and one on February 1. University scholars will be required to pay all of the fees established for matriculation, tuition, and graduation.



4 Applications for university scholarships should be made in writing, on blanks that will be furnished for the purpose, and addressed to the President of Columbia University. Applications must be filed not later than May 1. Should an unsuccessful applicant for a fellowship apply for a scholarship, the only information required from him will be that contained in the formal application for the fellowship.

5 The university scholarships will be awarded by the University Council at its regular meeting in May. The award will be made after applications have been examined and recommendations made by the Standing Committee on University Fellowships. In making these recommendations the committee will give preference to those candidates for university fellowships who have failed of appointment by the University Council after having been recommended for the same by any faculty or department.

6 University scholars will be required to enroll themselves as candidates for a degree and to pursue a regular course of study leading thereto.

### The H. C. Bunner Gold Medal

The H. C. Bunner Gold Medal, provided for by the interest upon a fund of one thousand dollars, established in November, 1896, by the friends of the late Henry Cuyler Bunner, is awarded annually at Commencement to the candidate for a Columbia degree who shall present the best essay on an assigned subject in American Literature. Essays must be submitted to the President on or before May 1. The award will be made by a committee to be appointed by the President. The subject for the essay to be handed in May 1, 1897, is "American Satiric Poetry"; for 1898, "The Literary Influences which Affected both Hawthorne and Poe"; for 1899, "Daniel Webster as an Orator." Committee on Award for 1897: Professor Brander Matthews, *Chairman*, Professor Charles P. Richardson, Professor Moses Coit Tyler.

### Fees

The annual fee for every candidate for a degree is \$150, payable in two equal instalments in October and February, with the proviso that the entire sum to be paid in fees by a candidate for the degree of Master of Arts shall not exceed \$150, and, for the degree of Doctor of Philosophy, \$300. The fee for students not candidates for a degree is calculated at the rate of \$15 a year for each hour of attendance upon university exercises a week, with a maximum fee of \$150.

The fee for auditors (see p. 5) is calculated at the rate of \$20 a year for each hour of attendance a week upon university exercises, with a maximum fee of \$200. Auditors are permitted, at their option, to enroll themselves for a single term only, at one half of the above-mentioned fee.

Special students who afterwards qualify as candidates for one of the higher degrees must pay, before being admitted to examination, the difference between the maximum fee for such degree and the sum of the fees paid by them as special students.

Holders of university fellowships are exempt from all charges for tuition and from examination-fees.

The fees for examination for the several degrees are as follows :

For the degree of Bachelor of Arts . . . . .	\$15
For the degree of Master of Arts . . . . .	25
For the degree of Doctor of Philosophy . . . . .	35

### Public Worship

Prayers are read in the University Chapel every week-day, except Saturday, at 12.40 P.M., with the reading of the Scriptures and singing, and a short address by the Chaplain. All officers and students of the University are invited to be present.



# COURSES OF STUDY AND RESEARCH FOR 1897-8

The various departments mentioned below issue special circulars describing in detail the courses to be given, the departmental equipment, and the other facilities which they offer to students. Applications for such circulars should be made to the Secretary of the University

Women who wish to enter any of the courses announced as open to them, as special students or as candidates for a degree, must register at Barnard College

## PHILOSOPHY, PSYCHOLOGY, AND EDUCATION

NICHOLAS MURRAY BUTLER, Ph.D.	Professor
JAMES MCKEEN CATTELL, Ph.D.	Professor
MOSES ALLEN STARR, A.M., M.D.	Professor
JAMES HERVEY HYSLOP, Ph.D.	Professor
LIVINGSTON FARRAND, A.M., M.D.	Instructor
NORMAN WILDE, Ph.D.	Assistant
JOHN ANGUS MACVANNEL, A.M.	Assistant
CHARLES AUGUSTUS STRONG, A.B.	Lecturer
FRANZ BOAS, Ph.D.	Lecturer
WALTER LOWRIE HERVEY, Ph.D.	Professor in Teachers College
JOHN FRANCIS WOODHULL, A.B.	Professor in Teachers College
CHARLES ALPHEUS BENNETT, B.S.	Professor in Teachers College
JOHN FRANKLIN REIGART, A.B.	Professor in Teachers College
FRANKLIN THOMAS BAKER, A.M.	Professor in Teachers College
EDWARD HOWARD CASTLE, A.M.	Professor in Teachers College

### General Statement

The courses of these departments fall into four groups: those on philosophy, those on psychology, those on anthropology, and those on education. In each group are courses best described as introductory, the aim of which is to furnish a general acquaintance with the main subdivisions of philosophy, psychology, and education as a whole. The courses known as Philosophy A, I, and II; Psychology I, II, and VIII; Anthropology I; and Education I and II, are of this character. By the use of the historical and comparative methods of study and exposition, students in these courses are introduced to a general survey of their respective subjects

The courses regularly open to Seniors in Columbia College are : Philosophy I, II, VII, and VIII ; Psychology I, II, III, VI, VIII, and IX ; Anthropology I and II ; and Education I and II. None of these courses will therefore be credited toward the degrees of Master of Arts and Doctor of Philosophy unless additional work be taken in connection therewith

All the courses are open to university students

All the courses offered by these departments, except Philosophy A, Psychology VII, and Anthropology I and II, are open to women on the same terms as to men

All the courses are open to auditors, except Philosophy A, Psychology VII, Anthropology I and II, and the several Seminars

### Courses in Philosophy

A—Psychology and Logic : Hyslop's *Syllabus for Psychology*, Hyslop's *Elements of Logic*, Baldwin's *Elements of Psychology*, James's *Psychology*. Lectures, practical exercises, and recitations. Professor HYSLOP and Mr. MACVANNEL

M., W., and F. at 1.30, first half-year

Course A may not be counted towards the degree of Master of Arts or Doctor of Philosophy

I—Historical Introduction to Philosophy : Weber's *History of Philosophy*, Windelband's *History of Philosophy*. Lectures, essays, and private reading. Two (or three) hours weekly. Professor BUTLER and Dr. WILDE

M. and W. at 2.30

The third hour, to be devoted to recitation and discussion, will be given on Fridays at 2.30. When this hour is taken in connection with the lectures, Philosophy I will be counted as a three-hour course

II—Ethics, Introductory Course : Hyslop's *Elements of Ethics*. Lectures, essays, and discussions. Professor HYSLOP and Dr. WILDE

Tu. and Th. at 2.30

III—The Philosophy of Kant and His Successors : Fichte, Schelling, Hegel, Herbart, and Schopenhauer. Lectures, essays, and private reading. Professor BUTLER and Mr. MACVANNEL

M. and W. at 3.30

Given in 1897-8, and each alternate year thereafter

IV—British Philosophy from Locke to Herbert Spencer : History and criticism of the association psychology and the philosophy of evolution. Locke's *Essay on the Human Understanding*, Berkeley's *Principles of Human Knowledge*, Hume's *Treatise of Human Nature* ; the writings of Hartley, Brown, the Mills, and Bain ; Herbert Spencer's *First Principles*. Lectures, essays, and private reading. Professor BUTLER and Mr. MACVANNEL

M. and W. at 3.30

Given in 1898-9, and each alternate year thereafter

V—Practical Ethics : Lectures, essays, observations, and discussions. Professor HYSLOP

Tu. and Th. at 3.30

Given in 1897-8, and each alternate year thereafter

VI—Systematic Ethics : Lectures, discussions, and essays. Professor HYSLOP

Tu. and Th. at 3.30

Given in 1898-9, and each alternate year thereafter

VII—History of English Ethics : Lectures, private reading, essays, and discussions. Dr. WILDE

M. and W. at 11.30, first half-year

VIII—History and Principles of *Æsthetics* : Lectures and discussions. Dr. WILDE

M. and W. at 11.30, second half-year

IX—Applied Logic and Scientific Method : Lectures and discussions. Professor HYSLOP and Mr. MACVANNEL

M., W., and F. at 1.30, second half-year

X—Journal Club : Reports and discussions on current literature. Dr. WILDE  
Hour to be arranged

### Seminars

Philosophical Seminar. Professor BUTLER

Subject for 1897-8 : Topics in the History of Psychology

Hour to be arranged

Ethical Seminar. Professor HYSLOP

Hour to be arranged

### Courses in Psychology

I—Introduction to Psychology : Lectures and demonstrations. Professors BUTLER, CATTELL, STARR, and HYSLOP, Drs. FARRAND, WILDE, and BOAS, and Mr. STRONG

Tu. and Th. at 11.30, psychological laboratory

1. Prolegomena to psychology, including a sketch of its history and relations to philosophy and to the other sciences. Six lectures. Professor BUTLER

2. Some representative modern psychologists : Hartley, James Mill, Herbart, Lotze, Fechner, Wundt, and Herbert Spencer. Seven lectures. Dr. WILDE

3. Outline of physiological psychology. Eight lectures. Dr. FARRAND

4. Experimental psychology ; laboratory methods. Eight lectures. Professor CATTELL

5. Comparative psychology ; mental life in the lower animals and in children. Eight lectures. Dr. BOAS

6. Pathological psychology. Three lectures. Professor STARR

7. General psychology. Eight lectures. Professor HYSLOP

8. Philosophical psychology. Six lectures. Mr. STRONG

II—Experimental Psychology, Introductory Course : Lectures, themes, and laboratory work. Professor CATTELL

Tu. and Th. at 10.30, psychological laboratory

III—Experimental Psychology : Laboratory work. Two or four hours weekly, counting as a one- or two-hour course. Professor CATTELL  
Hours to be arranged after consultation with the students

IV—Mental Measurement : Lectures, laboratory work, and reports. Professor CATTELL  
Tu. and Th. at 12.30, psychological laboratory

V—Research Work in Experimental Psychology. Professor CATTELL  
Daily, psychological laboratory

VI—General Psychology, Advanced Course : Lectures and discussions. Mr. STRONG  
S., 10.30 to 12.30, psychological laboratory

VII—Diseases of the Mind and Nervous System : Lectures and demonstrations. Professor STARR  
Th., 4-5, College of Physicians and Surgeons

VIII—Physiological Psychology, General Course : Lectures, demonstrations, and laboratory work. Dr. FARRAND  
M., W., and F. at 10.30, psychological laboratory

IX—Abnormal and Pathological Psychology : Lectures and discussions. Dr. FARRAND  
F. at 12.30, second half-year, psychological laboratory

### Courses in Anthropology

I—Anthropology, Introductory Course : Lectures, essays, and discussions. Dr. FARRAND  
Tu. and Th. at 1.30, psychological laboratory

II—Anthropology, Primitive Culture : Lectures, essays, and discussions. Two hours weekly. Dr. FARRAND  
M. and W. at 12.30, psychological laboratory

Other courses in Anthropology are described in a separate circular, which may be had upon application

### Courses in Education

I—History of Educational Theories and Institutions : Aristotle and the ancient educational ideals, Alcuin and the rise of the Christian schools, Abelard and the foundation of the universities, Loyola and the educational system of the Jesuits ; the educational reformers, Rousseau, Pestalozzi, and Froebel ; Herbart and philosophical study of education. Conferences, occasional lectures, essays, and private reading. Professor BUTLER  
Th. at 2.30

II—Principles of Education : psychology of childhood, didactics, school administration and supervision. Conferences, occasional lectures, essays, and private reading. Professor BUTLER

Th. at 3.30

This course requires also two hours per week (counting as one hour) to be spent in observation and practice-teaching at Teachers College

### Seminar

Educational Seminar—One hour weekly. Professor BUTLER

Subject for 1897-8: Administration of Public Education in the United States

Hour to be arranged

*The following courses are given at Teachers College, Morningside Heights, 120th Street, West:*

IV—Seminar. Subject for 1897-8: Problems of organization and instruction. Professor HERVEY and the Faculty of Teachers College

Tu. at 2, Faculty Room

V—Elements of Psychology and General Method: Observation in Horace Mann School, criticism and preparation of typical lessons, lectures, reports, and private reading. Professor REIGART

M., Tu., W., Th., and F. at 10.45, four hours weekly second half-year

VI—Advanced Psychology and General Method. Professor REIGART

M., W., and F. at 11.30, two hours weekly

VII—English Literature in Elementary and Secondary Schools. Professor BAKER

Tu. and Th. at 1.10, first half-year

VIII—English Composition in Elementary and Secondary Schools. Professor BAKER

Tu. and Th. at 1.10, second half-year

IX—The Teaching of History in Secondary Schools. Professor CASTLE

One and a half hours weekly, first half-year

F. at 2

X—The Teaching of Latin and Greek in Secondary Schools. Professor HERVEY

F. at 3, Faculty-room, second half-year

XI—The Teaching of Mathematics in Secondary Schools. Professor

One and a half hours weekly, second half-year

F. at 2

XII—The Teaching of Science in Secondary Schools. Professor WOODHULL

M. at 3, Science Lecture-room

XIII—Manual Training in Elementary and Secondary Schools: History and principles; courses, equipments, and methods of teaching. Lectures, conferences, essays, reports. Two hours weekly. If accompanied with practice, four to six hours weekly. Professor BENNETT

M. and W. at 9.15, Macy Manual Arts Building

## SCIENCE OF LANGUAGE

I—Introduction to the Science of Language. Professor GOTTHEIL and Professor JACKSON

Tu. and Th. at 2.30

This course is open to all university students and to Juniors and Seniors in Columbia College. It may not be counted toward the degree of Master of Arts or Doctor of Philosophy except as the basis of special work done in connection with it. It is open to women on the same terms as to men

By agreement between the several philological departments a course of two hours weekly, consisting of lectures and exercises, will be offered in each year under the foregoing title. This course is designed to serve as a preparation for advanced studies in any field of linguistic research, and will, it is believed, prove of great value to all university students who look forward to such investigations. It will be the object of the instructor to illustrate, from the points of view of the psychologist and of the phonetician, respectively, the conditions of the existence of language, both as a psychical and as a physical product, and the laws which regulate its differentiation, decay, and growth. The course will be taken with most profit by those who have had a good preliminary training in psychology and in the elements of phonetics

## RHETORIC AND ENGLISH COMPOSITION

GEORGE RICE CARPENTER, A.B.	.	.	.	.	.	Professor
WILLIAM TENNEY BREWSTER, A.M.*	.	.	.	.	.	Tutor
GEORGE CLINTON DENSMORE ODELL, Ph.D.	.	.	.	.	.	Tutor
RALPH CURTIS RINGWALT, A.B.	.	.	.	.	.	Assistant

Course III is open to Seniors in Columbia College, to all properly qualified university students, and to women who are candidates for the degree of Bachelor of Arts

Courses V and VI are open to Seniors in Columbia College and to university students, but not to women

Courses I, II and VI may not be counted towards the degree of Master of Arts or Doctor of Philosophy

Course III is open to auditors

## Courses

I—English Composition. Lectures, daily themes, and fortnightly essays. Professor G. R. CARPENTER

Tu., Th., and S. at 10.30, first half-year

II—English Composition. Essays, lectures, and discussions in regard to style. Professor G. R. CARPENTER

Tu., Th., and S. at 10.30, second half-year

\* Absent on leave, 1897-8



III—English Composition (Advanced Course). Essays or theses ; lectures on the history of rhetoric and on methods of teaching rhetoric and English composition. Professor G. R. CARPENTER

Tu. and Th. at 12.30

V—The Art of English Versification. Professor BRANDER MATTHEWS

W. at 2.30

VI—Argumentative Composition. Lectures, briefs, essays, and oral discussions. Mr. RINGWALT

M., W., and F. at 9.30

## ENGLISH AND LITERATURE

THOMAS RANDOLPH PRICE, A.M., LL.D . . . . .	<i>Professor</i>
ABRAHAM VALENTINE WILLIAMS JACKSON, Ph.D. . . . .	<i>Professor</i>
GEORGE EDWARD WOODBERRY, A.B. . . . .	<i>Professor</i>
BRANDER MATTHEWS, A.M., LL.B . . . . .	<i>Professor</i>

## ENGLISH LANGUAGE AND LITERATURE

Courses II, III, IV, XI, XII, XIII, XIV, XV, and XVII are open to Seniors in Columbia College and to university students. They are intended primarily for candidates for the degree of Bachelor of Arts, and may not be counted toward the degree of Master of Arts or Doctor of Philosophy. Courses X and XVI are open to Seniors in Columbia College and to university students

Course VI is open to graduates only

Courses III, IV, V, VI, VII, VIII, X, XIV, XV, and XVII are open to women on the same terms as to men

Courses III, IV, V, VI, VII, VIII, X, XV, and XVII are open to auditors

## Courses

II—Anglo-Saxon Language and Historical English Grammar. Professor JACKSON

M. and W. at 9.30

III—Anglo-Saxon Literature : Poetry and Prose. Professor PRICE

Tu. and Th. at 11.30

IV—Chaucer : Language, Versification, and Method of Narrative Poetry. Professor PRICE

Tu. and Th. at 12.30

V—English Language and Literature of the Eleventh, Twelfth, and Thirteenth Centuries. Professor PRICE

Not given in 1897-8

VI—English Language and Literature of the Fourteenth Century, exclusive of Chaucer, and of the Fifteenth Century : Reading of authors, with investigation of special questions and writing of essays. Professor PRICE

Two hours weekly. Hours to be arranged

VII—English Language and Literature of the Sixteenth Century : Reading of authors, with investigation of special questions and writings of essays. Professor PRICE

Not given in 1897-8

Courses V, VI, and VII are designed for the careful study of the language and literature of Early and Middle English Periods ; Course V was given in 1896-7 ; Courses VI and VII will be given successively in 1897-8 and 1898-9

VIII—Anglo-Saxon Prose and Historical English Syntax. Investigation of special questions and writing of essays. Professor PRICE

Not given in 1897-8

X—English Verse-Forms : Study of their historical development. Professor PRICE

Two hours weekly. Hours to be arranged

XI—History of English Literature from 1789 to the death of Tennyson : Lectures. Professor WOODBERRY

Not given in 1897-8

XII—History of English Literature from 1660 to 1789 : Lectures. Professor WOODBERRY

Not given in 1897-8

XIII—History of English Literature from the birth of Shakspeare to 1660, with special attention to the origin of the drama in England and to the poems of Spenser and Milton. Professors JACKSON and WOODBERRY

M., W., and F. at 12.30

Courses XII and XIII are given in alternate years

XIV—Pope : Language, Versification, and Poetical Method. Professor PRICE

Not given in 1897-8

XV—Shakspeare : Language, Versification, and Method of Dramatic Poetry. Text : Cambridge Text of Shakspeare. Two hours weekly. Professor PRICE

Not given in 1897-8

XVI—American Literature. Professor BRANDER MATTHEWS

Tu. and Th. at 2.30

English XVI and Literature I are given in alternate years

XVII—The Poetry, Lyrical, Narrative and Dramatic, of Tennyson, Browning and Arnold. Professor PRICE

M. and W. at 12.30

#### LITERATURE

Courses I and II are open to Seniors in Columbia College and to university students. They may not be counted for the degree of Master of Arts or Doctor of Philosophy. Courses III, IV, V, VI are open to university students, and with the consent of the Professor in charge, to specially qualified Seniors in Columbia College. The remaining courses are open only to students who have taken the degree of Bachelor of Arts or its equivalent

Courses VII, VIII, IX and the Seminar are open to women

## Courses

I—The History of Modern Fiction. Professor BRANDER MATTHEWS

Not given in 1897-8

Literature I and English XVI are given in alternate years

II—The Theory, History, and Practice of Criticism, with special attention to Aristotle, Boileau, Lessing, and English and later French writers, with a study of the great works of the imagination. Professor WOODBERRY

M., W., and F. at 2.30

III—Epochs of the Drama: Greek, Latin, Spanish, English, French (to Corneille and Racine). Professor BRANDER MATTHEWS

Tu. and Th. at 1.30

IV—Dramatists of the Nineteenth Century: French, Scandinavian, English, German. Professor BRANDER MATTHEWS. Two hours weekly

Not given in 1897-8

Courses III and IV are given in alternate years

V—Molière and English Comedy. Professor BRANDER MATTHEWS

W. at 1.30

VI—The Evolution of the Essay. Professor BRANDER MATTHEWS. One hour weekly

Not given in 1897-8

Courses V and VI are given in alternate years

VII—Studies in Literature, mainly critical. Selected works, in prose and verse, illustrating the character and development of national literatures. Conferences. Professor WOODBERRY and Mr. TAYLOR

M., W. and F. at 1.30

VIII—Studies in Literature, mainly historical. Original research. Conferences. Subjects to be announced. Professor WOODBERRY and Mr. TAYLOR

M., W. and F. at 3.30

Courses VII and VIII may each be taken for two successive years

IX—Types of Mediæval and Renaissance Literature. Professor G. R. CARPENTER

Tu., Th. and S. at 11.30

## Seminar

Seminar in Literature. Professor WOODBERRY

Hours and subjects for 1897-8 to be arranged

## ORIENTAL LANGUAGES

RICHARD J. H. GOTTHEIL, Ph.D.	.	.	.	.	.	.	Professor
A. V. WILLIAMS JACKSON, Ph.D.	.	.	.	.	.	.	Professor
ABRAHAM YOHANNAN, A.M.	.	.	.	.	.	.	Lecturer

All the courses in Oriental languages are open to women on the same terms as to men

## SEMITIC LANGUAGES

Courses I, II, IV, X, XII, XIII, XV, XVI, and XVII, and the Seminar, are open to Seniors in Columbia College and to university students; Courses III, V, VI, VII, VIII, IX, XI, XIV, to advanced students only

All the courses in Semitic languages except the Seminar are open to auditors

## Courses in Hebrew

The course in Hebrew extends over three years. The first year is devoted to the study of the elements; the second, to the study of the syntax and the acquiring of ease in translating from Hebrew into English, and from English into Hebrew; the third, to a critical study of one or more books of the Bible

The attention of students in Columbia College is directed to the fact that it is desirable that those who intend entering a theological seminary after graduation shall have had at least two years' previous training in Hebrew. Opportunity for this training is given the students of Columbia College, Hebrew being an elective in both the Junior and Senior classes

I—Biblical Hebrew, Elementary Course. Davidson's *Introductory Hebrew Grammar*. Professor GOTTHEIL

Tu. and Th. at 1.30

II—Biblical Hebrew, Second Course. Reading and interpretation of the Book of Isaiah in connection with Gesenius' *Hebräische Grammatik* and Driver's *Hebrew Tenses*. Professor GOTTHEIL

Tu. and Th. at 2.30

III—Biblical Hebrew, Third Course. First half-year: Critical study of the Book of Job. Second half-year: Lectures on Semitic archæology, with especial reference to its bearing upon the study of the Bible. Professor GOTTHEIL

M. and W. at 2.30

IV—Rabbinical Hebrew. Selected readings from post-Biblical Hebrew poetry. Professor GOTTHEIL

Tu. and Th. at 3.30, first half-year

V—Rabbinical Hebrew. Selected readings (in Hebrew and Arabic) from the Jewish philosophical writings of the Middle Ages. Professor GOTTHEIL

Tu. and Th. at 3.30, second half-year

For Courses IV and V, a previous knowledge of Biblical Hebrew is demanded

VI—Rabbinical Hebrew. Lectures on post-Talmudic Hebrew literature, Part II. Professor GOTTHEIL

Second half-year only; hours to be arranged

## Courses in Semitic Epigraphy

VII—Interpretation of the Phœnician Inscriptions, with an introduction to Semitic epigraphy. Professor GOTTHEIL

Not given in 1897-8. Given in 1899-1900

VIII—Interpretation of the Aramæan Inscriptions of Sinjirli (*Mittheilungen aus den Orientalischen Sammlungen*, Heft xi, Berlin, 1893), and of the *Corpus Inscriptionum Semiticarum*, vol. ii. Professor GOTTHEIL

F. at 3.30

IX—Interpretation of the Sabæan and Himyaritic Inscriptions of the *Corpus Inscriptionum Semiticarum*, vol. iv. Professor GOTTHEIL

Not given in 1897-8. Given in 1898-9

For Courses VII and VIII, which are open to advanced students only, a previous knowledge of Hebrew and Aramæan, respectively, is demanded; for Course IX, a previous knowledge of Arabic

### Courses in Assyrian

X—Elementary Course. Study of the Syllabary, with readings from selected portions of Abel and Winkler's *Keilschrifttexte zum Gebrauch bei Vorlesungen*, and a study of Delitzsch's *Assyrian Grammar*. Professor GOTTHEIL

M. and W. at 1.30

XI—Advanced Course. The Babylonian accounts of the creation and flood (Paul Haupt, *Das Babylonische Nimrodepos*, and Fr. Delitzsch, *Assyrische Lesestücke*). Assyrian Syllabaries. Professor GOTTHEIL

Not given in 1897-8. Given in 1898-9

### Courses in Arabic

XII—Elementary Course. Study of Socin's *Arabic Grammar* with exercises in translating Arabic into English, and English into Arabic. Professor GOTTHEIL

M. and W. at 3.30, first half-year

XIII—Second Course. Study of Brünnow's *Chrestomathie aus arabischen Prosaschriftstellern*. Professor GOTTHEIL

M. and W. at 3.30, second half-year

XIV—Third Course. Advanced work. First half-year: Interpretation of the Muallakât. Second half-year: Interpretation of the Arabic grammar (al Mufassal) of Zamachshari

F. 1.30-3.30

### Courses in Syriac

XV—Elementary Course. First half-year: Nöldeke's *Syrische Grammatik*, in connection with selected readings from the Peshitta. Second half-year: Interpretation of selected portions of the *Acta Martyrum* (ed. Bedjan). Professor GOTTHEIL and Mr. YOHANNAN

Tu. and Th. at 4.30

XVI—Advanced Course. First half-year: Interpretation of Lagarde's *Analecta Syriaca*. Second half-year: Interpretation of the Syriac grammar (*Kethabha de Semhê*) of Bar Hebraeus. Professor GOTTHEIL

M. and W. at 4.30

### Course in Ethiopic

XVII—Principles of the grammar and easy readings, in connection with Prætorius' *Æthiopische Grammatik*. Professor GOTTHEIL

F. at 4.30

### Semitic Seminar

The Seminar for 1897-8 will take up the study of current questions in Semitic linguistics, with especial reference to modern methods of philological research. Professor GOTTHEIL

Tuesday evening at 8.15

Attendance at the meetings of the Seminar will be obligatory upon candidates for the degrees of Master of Arts and Doctor of Philosophy whose major subject is in Semitic languages. The meetings are open also to advanced students one of whose minor subjects is in the Department of Semitic Languages

### Courses in Semitic Languages at the Union Theological Seminary

Announcement of these courses will be given in the circular soon to be issued by the departments of Oriental Languages. Such courses may be counted as part of the work required for the degrees of Master of Arts and Doctor of Philosophy

### Course in Turkish

First half-year : Principles of the grammar, in connection with the study of A. Müller's *Türkische Grammatik* (*Porta Linguarum Orientalium*, pars xi).  
Second half-year : Exercises in Turkish conversation and in the reading of Turkish newspapers. Mr. YOHANNAN

Tu. and Th. at 3.30

### INDO-IRANIAN LANGUAGES

The courses of instruction in this department are intended to be introductory to the study of comparative philology, and of the history of religion, as well as to the study of the history, antiquities, and literature of India and Persia, and also of Armenia. The course arranged for beginners in Sanskrit, Indo-Iranian I, may be taken with advantage in connection with any of the Latin, Greek, or other linguistic courses

Courses I and II are open to Seniors in Columbia College and to university students. Courses III, IV, V, VI, VII, X, XI, and XII are open to advanced students only. Courses VIII and IX are open to students pursuing one other course in the department

Courses I, II, III, IV, and XI are intended to be given each year. Courses V, VI, VII, VIII, IX, and X form a supplementary series. Two of these will be given each year according to the requirements of the students in attendance

All the courses in Indo-Iranian languages are open to auditors

### Courses

I—Sanskrit, Elementary Course. Whitney's *Grammar*, Perry's *Primer*, Lanman's *Reader*. Professor JACKSON

M., W. and F. at 11.30

II—Avestan, Elementary Course. Grammar and reading of texts. Jackson's *Avesta Series: Part I, Grammar; Part II, Texts*. Professor JACKSON

W. and F. at 12.30



III—Sanskrit, Advanced Course. First half-year : Kālidāsa's *Meghadūta*, with the Commentary of Mallinātha, or a Sanskrit drama. Second half-year : Introduction to the study of the Veda. Professor JACKSON

Tu. and Th. at 3.30

IV—Avestan, Advanced Course. Interpretation of texts, antiquities, and literature. Geldner's Text of the Avesta. Professor JACKSON

Two hours weekly. Hours to be arranged

V—Pāli, Elementary Course. E. Müller's *Simplified Pāli Grammar*, Ellwell's *Nine Jātakas*. Professor JACKSON

One hour weekly. Hour to be arranged

VI—Old Persian Cuneiform Inscriptions. Spiegel's *Die altpersischen Keilinschriften*, Bartholomae's *Handbuch der altiranischen Dialekte*, Weissbach and Bang's *Die altpersischen Keilinschriften*. Professor JACKSON

One hour weekly, first half-year. Hour to be arranged

This course is to run parallel with the Advanced Avestan

VII—Pahlavi, Introductory Course. C. de Harlez's *Manuel du Pehlevi*. Professor JACKSON

One hour weekly, second half-year. Hour to be arranged

This course is to run parallel with the Advanced Avestan

VIII—Sanskrit Literature. Lectures on the Literature of the Vedic Period. Professor JACKSON

One hour weekly, first half-year. Hour to be arranged

IX—Lectures on Comparative Iranian Grammar. Professor JACKSON

One hour weekly, second half-year. Hour to be arranged

X—Zoroaster and Buddha and their Teaching : Lectures. Professor JACKSON

One hour weekly. Hour to be arranged

XI—Modern Persian, Introductory Course. First half-year : Grammar and reading. Salemann and Shukovski's *Persische Grammatik*. Second half-year : Interpretation of Sa'di's *Gulistan*. Mr. YOHANNAN

Tu. and Th. at 1.30

XII—Modern Persian, Second Year Course. Mr. YOHANNAN

W. and F. at 1.30

### Course in Armenian

I—Principles of the Grammar with selected readings. Mr. YOHANNAN

W. and F. at 2.30

### Lectures

A course of afternoon lectures on the literature, antiquities, and religion of Ancient India and Persia, open to all students of the university and to auditors, was given during the winters of 1895-6 and 1896-7. It is intended that this course of general lectures shall be offered each alternate year hereafter

## CLASSICAL PHILOLOGY

HENRY DRISLER, LL.D. . . . .	<i>Professor (Emeritus)</i>
HARRY THURSTON PECK, Ph.D., L.H.D. . . . .	<i>Professor</i>
EDWARD DELAVAN PERRY, Ph.D. . . . .	<i>Professor</i>
JAMES RIGNALL WHEELER, Ph.D. . . . .	<i>Professor</i>
JAMES CHIDESTER EGBERT, JR., A.M., Ph.D. . . . .	<i>Adjunct Professor</i>
NELSON GLENN MCCREA, Ph.D. . . . .	<i>Instructor</i>
CLARENCE HOFFMAN YOUNG, A.M., Ph.D. . . . .	<i>Instructor</i>
HENRY JAGOE BURCHELL, JR., A.B. . . . .	<i>Lecturer</i>
JAMES DENNISON ROGERS, Ph.D. . . . .	<i>Assistant</i>

## GREEK (INCLUDING ARCHÆOLOGY AND EPIGRAPHY)

Courses III, IV, V, VI, VII, VIII, IX, X, XI, XII, XIII, and XIV are open to Seniors in Columbia College and to university students; Course XV and the Seminar are open to advanced students only

Courses III and IV may not be counted toward the degree of Master of Arts or Doctor of Philosophy; Courses V, VI, X, and XI may not be so counted except as the basis of special work done in connection therewith

All the courses in this department, except III and IV, are open to women on the same terms as to men

All the courses, except III, IV, XV, and the Seminar, are open to auditors

## Courses

III—Æschylus' Agamemnon and Sophocles' Electra, with Æschylus' Choëphoræ for private reading. Second half-year: Selections from Thucydides, and Plutarch's Life of Nicias; optional exercises in Greek composition. Professor PERRY (first half-year) and Dr. YOUNG (second-half year)

M., W., and F. at 10.30

IV—First half-year: Sophocles' Œdipus Rex and Œdipus Coloneus. Second half-year: Demosthenes' Olynthiac and Philippic Orations, and Plutarch's Life of Demosthenes; optional exercises in Greek composition. Professor WHEELER

Tu. and Th. at 9.30

V—Lectures on Greek Literature, with readings. Part I: Poetry. Professor WHEELER

M., W., and F. at 11.30

VI—Lectures on Greek Literature, with readings. Part II: Prose. Professor WHEELER. Three hours

Not given in 1897-8

Courses V and VI will be given in alternate years

VII—The Republic and Phædrus of Plato, with selections from other dialogues, and lectures. Professor PERRY

M., W., and F. at 9.30

VIII—The Lyric and Bucolic Poets; or, Pindar, entire, with introductory readings in the earlier lyric poets. Professor PERRY. Three hours

Not given in 1897-8

Courses VII and VIII will be given in alternate years

IX—Aristotle's Poetics; Four Plays. Professor WHEELER

Tu. and Th. at 10.30

X—New Testament Greek. Gospel of St. Matthew and Acts of the Apostles. Dr. YOUNG

Tu. and Th. at 1.30, first half-year

XI—New Testament Greek. Epistles. Dr. YOUNG

Tu. and Th. at 1.30, second half-year

Courses X and XI will not be given in 1898-9

XII—Introduction to the Study of Greek Archæology. Professor WHEELER (first half-year) and Dr. YOUNG (second half-year)

M. and W. at 12.30

XIII—Readings from Pausanias, with illustrated lectures on the monuments of Olympia and Attica. Dr. YOUNG and Professor WHEELER

Two hours weekly. Not given in 1897-8

Courses XII and XIII will be given in alternate years

XIV—Lectures on the Manners and Customs of the Ancient Greeks. Dr. YOUNG. Two hours. Not given in 1897-8

XV—Greek Epigraphy. Lectures, and practice in the reading of inscriptions. Professor WHEELER

W., 3.30-5

### Seminar

For the work of the Classical Seminar see below, p. 28

### Courses in New Testament Greek at the Union Theological Seminary

Full announcement of these courses will be given in the forthcoming special circular concerning the courses in Classical Philology. These courses at the Seminary may be offered as part of the work required for the degrees of Master of Arts and Doctor of Philosophy (see p. 4)

#### LATIN (INCLUDING ARCHÆOLOGY AND EPIGRAPHY)

Courses III, IV, V, VI, VIII, and XI are open to Seniors in Columbia College and to university students

Courses VII, IX, and X, and the Seminar, are open to advanced students only, except by special permission of the head of the department

Courses III and IV may not be counted toward the degree of Master of Arts or Doctor of Philosophy

Courses V, VI, VIII, IX, and XI are open to women on the same terms as to men

Course VIII is open to auditors

## Courses

III—First half-year: Cicero, the Tusculanæ and De Officiis; lectures on Roman philosophy. Second half-year: Lucretius and the Epicurean Philosophy. Professor EGBERT and Dr. MCCREA

M., W., and F. at 10.30

IV—First half-year: The Andria and Phormio of Terence. Second half-year: The Mostellaria and Captivi of Plautus. Professor PECK

Tu. and Th. at 11.30

V—Introduction to the Study of Latin Inscriptions. Professor EGBERT

M. and W. at 2.30

VI—Rapid Reading (Horace, Vergil, and Ovid). Professor PECK

Tu. and Th. at 2.30

VII—Petronius (The Cena Trimalchionis); Plebeian Latinity. Professor PECK

M. and W. at 2.30

VIII—Lectures on the History and Development of the Latin Language. Professor PECK

Tu. and Th. at 3.30

IX—Advanced Course in Latin Inscriptions. Professor EGBERT

Two hours weekly. Hours to be arranged

X—Latin Palæography and Diplomatics. Professor EGBERT

One hour weekly. Hour to be arranged

XI—Advanced Course in Latin Prose Composition. Dr. MCCREA

Two hours weekly. Hours to be arranged

## Classical Seminar

I—Latin Section: Studies in Early Latin, based upon the dramatic fragments. Preparation and reading of original papers on selected topics. Professors PECK and EGBERT

M., 3.30–5.30, first half-year

II—Greek Section: Exercises in interpretation of dialectic inscriptions. Reading and discussion of original papers. Professor PERRY

M., 3.30–5.30, second half-year

For further information see the special circular issued by the Classical Departments

## GERMANIC LANGUAGES AND LITERATURES

WILLIAM HENRY CARPENTER, Ph.D. . . . . Professor

CALVIN THOMAS, A.M. . . . . Professor

EUGENE HOWARD BABBITT, A.B. . . . . Instructor

WILLIAM ADDISON HERVEY, A.M. . . . . Tutor

Courses V, VI, VII, VIII, IX, X, XI, XII, and XIII are open to Seniors in Columbia College and to university students; the Seminar is open to advanced students only

All the courses in this department, except the optional courses in German, are open to women on the same terms as to men

Courses V, VI, VII, VIII, IX, X, XI, XII, and XIII are open to auditors

## Courses in German

V—History of German Literature, from the earliest times to the Nineteenth Century. Lectures, themes, and readings from Müller, *German Classics*. Professor THOMAS

Tu. and Th. at 9.30

VI—Goethe's Faust: First and Second Parts. Lectures and recitations. Professor THOMAS

Tu. and Th. at 10.30

VII—Practice in Speaking and Writing German. Talks, conferences, and themes (all in German) upon linguistic and literary topics. Professor THOMAS

Tu. and Th. at 12.30

VIII—History of the German Language. Lectures and texts. Professor W. H. CARPENTER

Tu. and Th. at 1.30

IX—Great German Writers. Lessing (first half-year). Goethe (second half-year). Professor THOMAS

W. and F. at 11.30

## Optional Courses in German

None of these courses may be counted for a degree

A—Elementary Course. Thomas, *Practical German Grammar*; Harris, *German Composition*; easy stories and plays; in second half-year more difficult prose, by such authors as Heine, Riehl, and Freytag. Mr. BABBITT and Mr. HERVEY

Section I: M., Tu., W., Th., and F. at 1.30

“ 2: “ “ “ “ 2.30

Intended for students who have not studied German before entering the University

I—Grammar, Reading, and Composition. Mr. BABBITT

Tu., Th., and S. at 10.30

Open to students who already have an elementary knowledge of German. The text-books and plan of work are in general the same as those of the second half-year of the elementary course

Students who have taken the elementary course or Course I will be prepared to join one of the following courses at the beginning of the second year, either of which will be accepted as an equivalent of the reading knowledge of German required of candidates for the degree of Doctor of Philosophy in the School of Philosophy

II—Selected works of Goethe, Schiller, and Lessing. Mr. HERVEY

M., W., and F. at 12.30

III—Historical Prose. One volume of Freytag's *Bilder aus der deutschen Vergangenheit*, and other works of a historical or biographical character. Mr. BABBITT

M., W., and F. at 3.30

IV—Scientific German. Gore, *German Science Reader*, and various scientific monographs. Mr. HERVEY

M., W., and F. at 3.30

## Courses in Scandinavian

X—Swedish. Elementary course in the language with miscellaneous reading, and a general survey in lectures of the history of Swedish literature. Professor THOMAS

W. and F. at 10.30

XI—Icelandic, Elementary Course. Sweet, *Icelandic Primer*; Kahle, *Alt-isländisches Elementarbuch*. Professor W. H. CARPENTER

W. and F. at 12.30

## Course in Gothic

XII—Gothic. Wright, *Primer of the Gothic Language*; Streitberg, *Gotisches Elementarbuch*; Bernhardt, *Die gotische Bibel*. Professor W. H. CARPENTER

Tu. and Th. at 2.30

## Course in Germanic Philology

XIII—General Introduction to Germanic Philology. Lectures and exercises. Professor W. H. CARPENTER

M. and W. at 2.30

## Seminar

Germanic Seminar. Old High German (first half-year). Critical study of Old High German poetry, exclusive of Otfrid. Middle High German (second half-year). Critical study of selected poems of Walther von der Vogelweide. Professors W. H. CARPENTER and THOMAS

Two hours weekly. Hours to be arranged

## ROMANCE LANGUAGES AND LITERATURES

ADOLPHE COHN, LL.B., A.M.	. . . . .	Professor
HENRY ALFRED TODD, Ph.D.	. . . . .	Professor
CARLO LEONARDO SPERANZA, LL.B., A.M.	. . . . .	Adjunct Professor
BENJAMIN DURYEA WOODWARD, Ph. D.	. . . . .	Instructor
LOUIS AUGUSTE LOISEAUX, S.B.	. . . . .	Tutor
CURTIS HIDDEN PAGE, Ph.D.	. . . . .	Tutor

Courses IX and X in French are given by Professor Brander Matthews of the Department of Literature

Courses III in French, I in Italian, and I in Spanish may not be counted for the degrees of A.M. and Ph.D.

Courses III, IV, V, VI, VII, VIII, XI, XII, XIII, XIV, XV in French, I, II, III in Italian, I, II, III in Spanish, and I in Romance Philology are open to Seniors in Columbia College and to university students; the remaining courses are open to advanced students only

Courses XI, XIII, XIV, XVI, XVII in French, I in Provençal, IV and V in Italian, IV, V in Spanish, I, II, and III in Romance Philology are open to women on the same terms as to men

The following courses are open to auditors: French XI, XIII, XIV and XVII; Italian IV and V; Spanish V



**Courses in French**

Elementary Course for university students. Three hours weekly. Dr. PAGE  
M., W., and F. at 4.30

Intended primarily for advanced students from any department of the University, especially for such candidates for a higher degree as have not studied French. It is expected that such students will be able to join Course I (an undergraduate course) at the beginning of the second half-year. This course may not be counted for a degree

III—French Rhetoric: Study of French prose and verse composition. Mr. LOISEAUX

M., W. and F. at 2.30

Course III is open only to students who have taken Course II (an undergraduate course) or its equivalent

IV—History of French Literature in the Seventeenth Century. Dr. WOODWARD and Mr. LOISEAUX

M., W. and F. at 10.30

Course IV is open only to students who have taken Course III or its equivalent, or who have attained high standing in Course II

The following courses, with the exception of Course XII, are open only to students who have taken Course IV or its equivalent:

V—History of French Literature in the Eighteenth Century: Voltaire. Professor COHN

M., W., and F. at 11.30

VI—History of French Literature in the Eighteenth Century: Montesquieu, Rousseau, the Encyclopedists. Dr. WOODWARD

Three hours weekly

Not given in 1897-8. Courses V and VI are given in alternate years

VII—History of French Poetry in the first half of the Nineteenth Century, with special attention to Victor Hugo and the romantic movement. Dr. PAGE

Tu. at 11.30

VIII—History of French Poetry in the second half of the Nineteenth Century. Dr. PAGE

Th. at 11.30

Open to Seniors who take or have taken Course VII

IX—The French Dramatists of the Nineteenth Century. Professor BRANDER MATTHEWS

Two hours weekly, first half-year only

Not given in 1897-8

X—Molière and his Dramatic Method. Professor BRANDER MATTHEWS

W. at 1.30

Courses IX and X are given in alternate years

XI—History of Literary Criticism in France, with special attention to Sainte Beuve and Brunetière. Professor COHN

Tu. at 3.30

XII—History of the French Language. Professor TODD  
M. and W. at 12.30

Open to Juniors and Seniors who have taken Course II

XIII—Old French. Reading of selected extracts. Dr. WOODWARD  
Tu. and Th. at 2.30, first half-year

XIV—The French Chroniclers of the Middle Ages: Villehardouin, Joinville, Froissart, Comines. Dr WOODWARD  
Tu. and Th. at 2.30, second half-year

XV—Writers of the Sixteenth Century, with special attention to Montaigne. Mr. LOISEAUX  
Th. at 1.30

XVI—Critical Bibliography of French Literature from the Sixteenth to the Nineteenth Century. Professor COHN, Dr. WOODWARD, Mr. LOISEAUX and Dr. PAGE

Tu. and Th. at 4.30

XVII—Methods of Teaching French. Professor COHN  
M. and W. at 2.30

### Optional Courses in French Conversation

Elementary course. Mr. LOISEAUX

Tu. at 10.30

Advanced course. Mr. LOISEAUX

Th. at 10.30

For other courses in French see under Romance Philology

### Courses in Provençal

I—Old Provençal. Professor TODD

Tu. at 12.30

For other courses in Provençal see under Romance Philology

### Courses in Italian

I—Elementary Course. Grammar, reading, and composition. Professor SPERANZA

M., W., and F. at 3.30

II—Italian Literature in the Fifteenth and Sixteenth Centuries: Ariosto, Tasso, Machiavelli. Composition. Professor SPERANZA

Open only to students who have taken Course I or its equivalent

Not given in 1897-8

III—Italian Literature in the Thirteenth and Fourteenth Centuries, exclusive of the *Divina Commedia*: Dante's *Vita Nuova*, Petrarca, Boccaccio. Composition. Professor SPERANZA

M., W., and F. at 2.30

Courses II and III are given in alternate years

Open only to students who have taken Course I or its equivalent

IV—Critical study of Dante's *Divina Commedia*. Professor SPERANZA

Two hours weekly for two years

Tu. and Th. at 2.30

Open only to students who have taken either Course II or Course III, or the equivalent of either of them

V—History of Italian Literature. Lectures and private reading. Professor SPERANZA

Tu. at 1.30

For other courses in Italian see under Romance Philology

### Courses in Spanish

I—Elementary Course. Grammar, reading, and composition. Professor TODD and Mr. LOISEAUX

M., W., and F. at 9.30

II—Don Quijote and the time of Cervantes; Composition. Professor SPERANZA

Open only to students who have taken Course I or its equivalent

Not given in 1897-8

III—The Spanish Classical Drama: Lope de Vega, Calderon, etc. Composition. Professor SPERANZA

M., W., and F. at 9.30

Courses II and III are given in alternate years

Open only to students who have taken Course I or its equivalent

IV—The Origins of Spanish Poetry; *El Poema del Cid*. Professor TODD

Th. at 12.30

Open only to students who have taken either Course II or Course III, or the equivalent of either of them

V—History of Spanish Literature: Lectures and private reading. Professor COHN

W. at 1.30

For other courses in Spanish see under Romance Philology

### Courses in Romance Philology

I—Introduction to Romance Philology. Professor TODD

M. and W. at 3.30

II—The Formative Elements of Romance Speech. Professor TODD

One hour weekly

Not given in 1897-8. Will be given in 1898-9

III—Old French Dialects. Professor TODD

F. at 12.30

Courses II and III are given in alternate years

### Seminar in Romance Literature

Special topics in Romance Literature. In 1897-8 the subject will be : The French drama, from its origin to the death of Racine in 1699. Professor COHN  
M. and W. at 4.30

### Seminar in Romance Philology

Special Topics in Romance Philology. In 1897-8 the subject will be : Research supplementary to Körting's *Lateinisch-Romanisches Wörterbuch*. Professor TODD

F., 3.30-5.30

For other courses in Romance Philology see under French, Provençal, etc.

### Courses in Portuguese and Rumanian

In case there should be a demand on the part of competent students, provision will be made for the teaching of Portuguese and Rumanian

### Public Lectures

Once a week a lecture will be given in French by one of the instructors in the Department, or by some invited lecturer. The name of the lecturer and the subject will be announced one week in advance

Every year the Department offers a course of lectures on some subject of Romance Literature. In 1895-6 Mr. Speranza lectured on Dante. In 1896-7 M. F. Brunetière lectured on *La Littérature Française Contemporaine*. In 1897-8 Professor Cohn will lecture upon Voltaire

These lectures are open to all members of the university and to auditors

### Romance Club

Reports on the most important articles in leading periodicals are given at stated times in the meetings of the Romance Club

### MUSIC

E. A. MACDOWELL, Mus.D. . . . . Professor

Courses I, II and III are open as electives to Seniors in Columbia College

All the courses are open to all properly qualified university students, whether special students or candidates for a degree, and to women on the same terms as to men

Courses I, II and III may not be counted towards the degree of Master of Arts or Doctor of Philosophy

Courses I and II are open to auditors

### Courses

I—General Musical Course. Lectures and private reading, with illustrations. Professor MACDOWELL

W. at 1.30 and S. at 9.30

This course treats of the beginnings of music, the Greek modes and their evolution, systems of notation, savage and folk music, church music, counterpoint and fugue, harmony; musical dictation, evolution of forms, and beginnings of the modern orchestra

II—Development of form; the song, romanticism, programme music, instrumental development, the composers for pianoforte, opera and music drama; modern orchestration and symphonic forms; musical criticism, analysis, etc. Professor MACDOWELL

W. at 2.30 and S. at 10.30

III—General musical theory, dictation, harmony, comprising chords and their mutual significance, altered chords, suspensions, modulations, imitation, analysis, and the commencement of composition in the smaller forms. Lectures and class work. Professor MACDOWELL

W. at 3.30 and S. at 11.30

IV—Strict counterpoint, canon, choral figuration and fugue, analysis, commencement of composition in the larger forms. Lectures and class work. Professor MACDOWELL

W. at 4.30 and S. at 12.30

V—Free composition, analysis, instrumentation, symphonic forms. In this course all the orchestral and other instruments are considered individually and collectively, and their technique, possibilities, and limitations are demonstrated. Lectures and class work. Professor MACDOWELL

Tu. and F. at 11.30

Courses I and II aim at giving a complete general survey of the art, from both its technical and æsthetic standpoint, and constitute a two years' study of the subject

Courses III, IV and V offer a complete practical and technical three-years' study of the subject

## Consultation Hours

Students desiring to consult the Dean or any officer of instruction in the Faculty of Philosophy are referred to the following consultation hours for 1897-8:

The Dean	M. and W. at 2; Room 416, Library Building
Professor Price	Daily at 1.30, except F.; Physics Building, Room —
Professor Peck	Tu. at 2.30; College Hall, Room 301
Professor W. H. Carpenter	M. and W. at 1.30; West Hall, Room —
Professor Gottheil	F. at 3; West Hall, Room —
Professor Cattell	Tu. at 1.30; Psychological Laboratory
Professor Perry	Tu. 11.30-12.30; College Hall, Room 304
Professor Jackson	M. at 10.30; West Hall, Room —
Professor Cohn	M., W., and F. at 12.30; West Hall, Room —
Professor Woodberry	M. at 11.30; Physics Building, Room —
Professor Brander Matthews	Tu. at 3.30; Physics Building, Room —
Professor Todd	M. and W. at 4.30; West Hall, Room —
Professor G. R. Carpenter	Tu., Th., and S. at 9.30; Physics Building, Room —
Professor Wheeler	Tu. at 11.30; College Hall, Room 303
Professor Hyslop	F. at 1; Room 420, Library Building
Professor Egbert	W. and F. at 12.30; College Hall, Room 310
Professor Thomas	Tu. and Th. at 11.30; West Hall, Room —
Professor Speranza	Tu. at 3.30; West Hall, Room —
Professor MacDowell	W. at 12 and S. at 2; West Hall, Room —
Dr. Young	Tu. at 12.30; College Hall, Room 307
Dr. Page	M. at 11.30; West Hall, Room —
Dr. Woodward	Tu. at 3.30; West Hall, Room —
Dr. McCrear	M. and W. at 1.30; College Hall, Room 309
Dr. Farrand	M. at 11.30; Psychological Laboratory
Mr. Loiseaux	Th. at 2.30; West Hall, Room —
Mr. Babbitt	Tu. and Th. at 11.30; West Hall, Room —
Mr. Hervey	Tu. and Th. at 3.30; West Hall, Room —
Dr. Wilde	M. at 1; Room 420, Library Building
Mr. Strong	S. at 12.30; Psychological Laboratory
Mr. MacVannel	M. at 1; Room 420, Library Building



## ACADEMIC CALENDAR

- 
- 1897—Sept. 29—Matriculation and Registration begin, Wednesday  
 Oct. 4—First half-year, 144th year, begins, Monday  
 Oct. 15—Last day of registration to obtain credit for residence for the full academic year, Friday  
 Nov. 2—Election Day, Tuesday, holiday  
 Nov. 25—Thanksgiving Day, Thursday, holiday  
 Nov. 26—Friday, holiday  
 Dec. 20—Christmas holidays begin, Monday
- 1898—Jan. 1—Christmas holidays end, Saturday  
 Feb. 12—Lincoln's Birthday, Saturday, holiday  
 Feb. 12—First half-year ends, Saturday  
 Feb. 14—Second half-year begins, Monday  
 Feb. 22—Washington's Birthday, Tuesday, holiday  
 Feb. 23—Ash-Wednesday, holiday  
 Mar. 1—Last day for filing applications for University Fellowships, Tuesday  
 April 1—Last day for filing applications for higher degrees, Friday  
 April 8—Good-Friday, holiday  
 May 2—Last day for presentation of essays for Degree of Master of Arts, and for filing applications for University Scholarships, Monday  
 May 30—Memorial Day, Monday, holiday  
 June 8—Commencement, Wednesday  
 Sept. 28—Matriculation and Registration begin, Wednesday  
 Oct. 3—First half-year, 145th year, begins, Monday

# SCHOOL OF PHILOSOPHY

## SCHEME OF ATTENDANCE

1897-8

MONDAY, WEDNESDAY, AND FRIDAY

9.30	10.30	11.30	12.30	1.30	2.30	3.30	4.30
<p>Anthropology III [M. and W.]</p> <p>English II [M. and W.]</p> <p>Greek VII Rhetoric VI</p> <p>Spanish I, III</p>	<p>French IV Germanic X [W. and F.]</p> <p>Greek III Latin III</p> <p>Psychology VIII</p>	<p>French V German IX [W. and F.]</p> <p>Greek V Indo-Iranian I Music V [Tu. and F.]</p> <p>Philosophy VII, VIII [M. and W.]</p>	<p>Anthropology II [M. and W.]</p> <p>English XIII English XVII [M. and W.]</p> <p>French XII [M. and W.]</p> <p>German II Germanic XI [W. and F.]</p> <p>Greek XII [M. and W.]</p> <p>Indo-Iranian II [W. and F.]</p> <p>Literature V [W. only]</p> <p>Literature VII</p> <p>Music I [W. only]</p> <p>Philosophy A, IX Semitic X [M. and W.]</p> <p>Semitic XIV [F. only, 1.30-3.30]</p>	<p>French X [W. only]</p> <p>German A [Section 1]</p> <p>Indo-Iranian XII [W. and F.]</p> <p>Literature V [W. only]</p> <p>Literature VII</p> <p>Music I [W. only]</p> <p>Philosophy A, IX Semitic X [M. and W.]</p> <p>Semitic XIV [F. only, 1.30-3.30]</p>	<p>Armenian I [W. and F.]</p> <p>French III French XVII [M. and W.]</p> <p>German A [Section 2]</p> <p>Germanic XIII [M. and W.]</p> <p>Italian II Latin V, VII [M. and W.]</p> <p>Literature II Music II [W. only]</p> <p>Philosophy I Rhetoric V [W. only]</p> <p>Semitic III [M. and W.]</p> <p>Semitic XIV [F. only, 1.30-3.30]</p>	<p>Classical Seminar [M. only, 3.30-5.30]</p> <p>German III, IV Greek XV [W. only, 3.30-5]</p> <p>Italian I Literature VIII</p> <p>Music III [W. only]</p> <p>Philosophy III [M. and W.]</p> <p>Romance Philology I [M. and W.]</p> <p>Seminar in Romance Philology [F. only, 3.30-5.30]</p> <p>Semitic XVI [M. and W.]</p>	<p>Classical Seminar [M. only, 3.30-5.30]</p> <p>Elementary French</p> <p>Greek XV [W. only, 3.30-5.]</p> <p>Music IV [W. only]</p> <p>Seminar in Romance Literature [M. and W.]</p> <p>Seminar in Romance Philology [F. only, 3.30-5.30]</p> <p>Semitic XVI [M. and W.]</p> <p>Semitic XII, XIII [M. and W.]</p> <p>Semitic VIII [F. only]</p> <p>Spanish V [W. only]</p>

# SCHOOL OF PHILOSOPHY

## SCHEME OF ATTENDANCE

1897-8

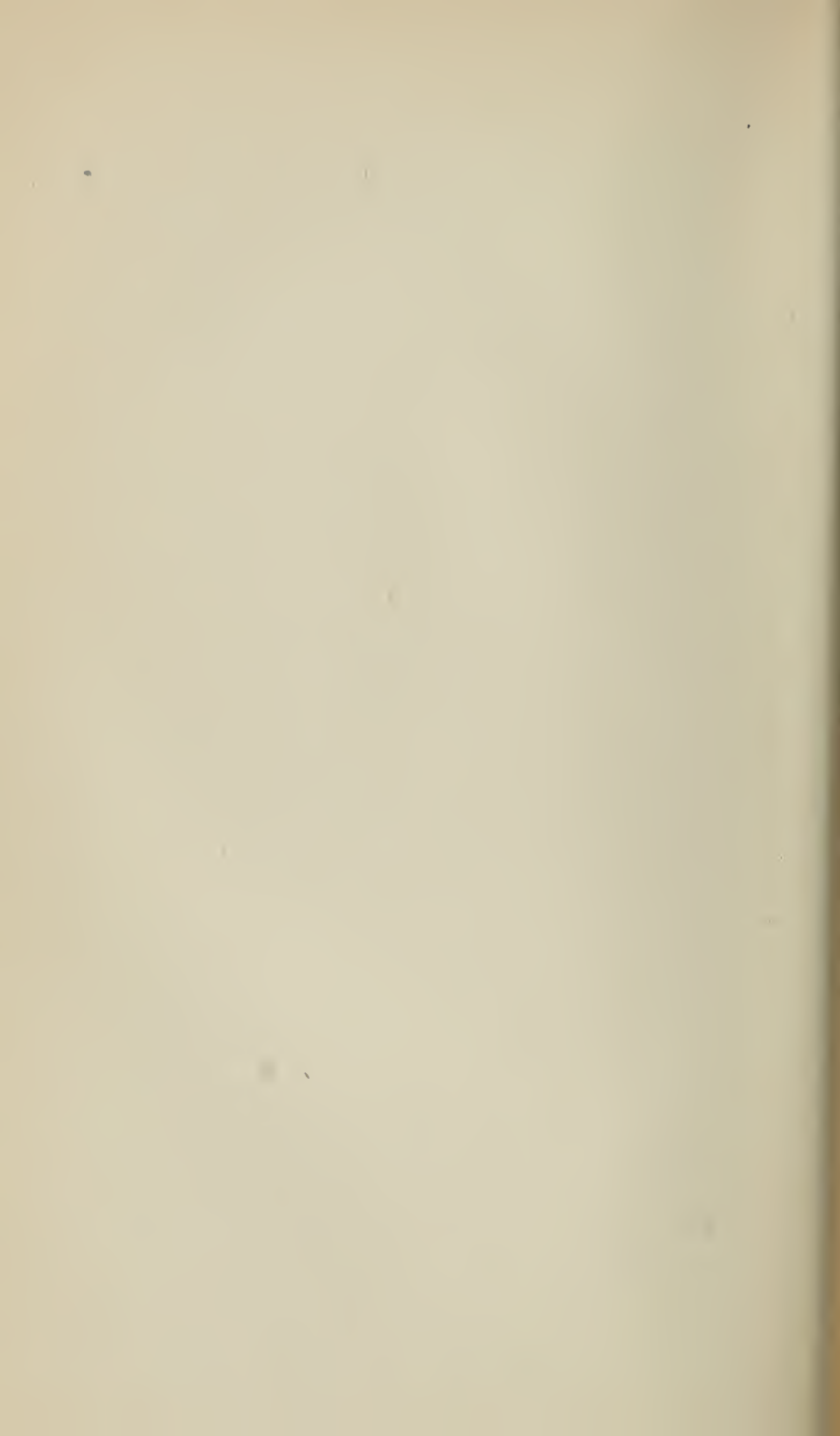
TUESDAY, THURSDAY, AND SATURDAY

TUESDAY AND THURSDAY

9.30	10.30	11.30	12.30	1.30	2.30	3.30	4.30
German V [Tu. and Th.]	French Conversation [Elem., Tu. only. Adv., Th. only]	English III [Tu. and Th.]	English IV [Tu. and Th.]	Anthropology I French XV [Th. only]	Education I [Th. only]	Education II [Th. only]	French XVI Psychology VII [4-5, At College of Physicians and Surgeons]
Greek IV [Tu. and Th.]	French VII [Tu. only]	French VIII [Th. only]	German VII [Tu. and Th.]	German A [Section 1]	English XVI French XIII, XIV	French XI [Tu. only]	[4-5, At College of Physicians and Surgeons]
Music I [S. only]	German I German VI [Tu. and Th.]	Latin IV [Tu. and Th.]	Music IV [S. only]	German VIII Greek X, XI Indo-Iranian XI Italian V [Tu. only]	German A [Section 2]	Indo-Iranian III Latin VIII Philosophy V Psychology VII [4-5, At College of Physicians and Surgeons]	Semitic XV Semitic XVII [F. only]
Greek IX [Tu. and Th.]	Literature IX Music III [S. only]	Literature IX Music III [S. only]	Provençal I Psychology IV [Tu. and Th.]	Italian V [Tu. only]	Germanic XII Italian IV Language I Latin VI Philosophy II Semitic II	Philosophy V Psychology VII [4-5, At College of Physicians and Surgeons]	Semitic XV Semitic XVII [F. only]
Music II [S. only]	Music V [Tu. and F.]	Music V [Tu. and F.]	Rhetoric III [Tu. and Th.]	Literature III Semitic I			
Psychology II [Tu. and Th.]	Psychology I [Tu. and Th.]	Psychology I [Tu. and Th.]					
Psychology VI [S. only, 10.30 -12.30]	Psychology VI [S. only, 10.30 -12.30]	Psychology VI [S. only, 10.30 -12.30]					
Rhetoric I, II							













C  
2uZph  
009/01

LIBRARY  
OF THE  
UNIVERSITY of ILLINOIS.



# Columbia University in the City of New York

DIVISION  
OF  
PHILOSOPHY AND PSYCHOLOGY

ANNOUNCEMENT

1900--1901

## Officers of the Division

COMPRISING THE

DEPARTMENTS OF PHILOSOPHY AND EDUCATION AND OF PSYCHOLOGY AND ANTHROPOLOGY

### NICHOLAS MURRAY BUTLER . . . . . *Philosophy and Education*

A.B., Columbia College, 1882; A.M., 1883, and Ph.D., 1884; Syracuse University, LL.D., *causa honoris*, 1898; university fellow in philosophy, 1882-85; student at the Universities of Berlin and Paris, 1884-85; assistant in philosophy, Columbia University, 1885-86; tutor, 1886-89, and adjunct professor, 1889-90; professor of philosophy, ethics, and psychology, and lecturer on the history and institutes of education, 1890-95; professor of philosophy and education, 1895-; president of the New York College for the Training of Teachers, 1887-91; life director and president (1895) of the National Educational Association; member of the American Psychological Association, and the National Council of Education; editor of the *Educational Review*

### JAMES MCKEEN CATTELL . . . . . *Psychology*

A.B., Lafayette College, 1880, and A.M., 1883; Ph.D., Leipzig, 1886; student at Göttingen, Leipzig, Paris, and Geneva, 1880-82; fellow of Johns Hopkins University, 1882-83; student and assistant in the University of Leipzig, 1883-86; lecturer in the University of Cambridge, 1888; professor of psychology in the University of Pennsylvania, 1888-91; professor of experimental psychology, Columbia University, 1891-96; professor of psychology, 1896-; member and president (1895) of the American Psychological Association; fellow and vice-president (1898) of the American Association for the Advancement of Science; fellow of the New York Academy of Sciences; member of the American Philosophical Society, The Washington Academy of Sciences, the London Aristotelian Society, the London Neurological Society, the American Physiological Society, The American Ethnological Society, and the American Society of Naturalists; co-editor of the *Psychological Review*; responsible editor of *Science*

### MOSES ALLEN STARR . . . . . *Nervous Diseases*

A.B., Princeton College, 1876; A.M., 1879, and Ph.D., 1884; student in Berlin. 1876-77; in Heidelberg, Vienna and Paris, 1882-83; M.D., College of Physicians and Surgeons, New York, 1880; house physician, Bellevue Hospital, 1880-82; professor of nervous diseases, New York Polyclinic, 1884-88; clinical professor of diseases of the mind and nervous system, College of Physicians and Surgeons, Columbia University, 1888-90; professor of the same, 1890-; corresponding secretary of the New York Academy of Medicine, 1889-; consulting physician to the Presbyterian and Orthopædic Hospitals, 1892-; to the New York Eye and Ear Infirmary, 1893-; to St. Vincent's Hospital, 1896-; and to St. Mary's Hospital for Children, 1896-; member of the New York Neurological Society, the American Neurological Society, the Association of American Physicians, the New York Academy of Sciences, the American Psychological Association; associate editor of the *Psychological Review* and of the *Journal of Nervous and Mental Diseases*

### JAMES HERVEY HYSLOP . . . . . *Logic and Ethics*

A.B., Wooster University, Ohio, 1877, and A.M., 1879; Ph.D., Johns Hopkins University, 1887; professor of psychology in Bucknell University, 1888; tutor in philosophy, Columbia University, 1889-90-instructor in logic and ethics, 1891-95; professor of logic and ethics, 1895-; member of the American Psychological Association

JAMES EARL RUSSELL . . . . . *History of Education*

A.B., Cornell University, 1887; Ph.D., Leipzig, 1894; teacher in secondary schools, 1887-90; principal of secondary school, 1890-93; student in the Universities of Jena and Leipzig, 1893-95; professor of philosophy and pedagogy in the University of Colorado, 1895-97; professor of the history of education, Teachers College, Columbia University, 1897, and Dean, 1898-; European Commissioner of the Regents of the University of the State of New York, 1893-95; agent of the Bureau of Education, Washington, 1893; member of the American Psychological Association; Author of *German Higher Schools* (1899)

FRANK MORTON McMURRY . . . . . *Theory and Practice of Teaching*

Student at University of Michigan, 1881-82; principal of schools in Illinois, 1883-86; student at Universities of Halle and Jena, 1886-89; Ph.D., Jena, 1889; principal of grammar school, Chicago, 1889-90; professor of pedagogics and training teacher in State Normal School, Normal, Ill., 1891-92; student at Geneva and at Paris, 1892-93; professor of pedagogy in the University of Illinois, 1893-94; principal of Franklin School, Buffalo, 1894-95; professor of pedagogics in Teachers College, University of Buffalo, 1895-98; professor of theory and practice of teaching, Teachers College, Columbia University, 1898-

FRANZ BOAS . . . . . *Anthropology*

Ph.D., Kiel, 1881; expedition to Baffin Land, 1883-84; Privatdocent, University of Berlin, assistant Royal Ethnographical Museum of Berlin, 1884-86; expedition to British Columbia, 1886-87; assistant editor of *Science*, 1887-89; docent in anthropology, Clark University, Worcester, Mass., 1889-92; chief assistant, department of anthropology, World's Columbian Exposition, Chicago, 1892-94; expedition to Alaska, British Columbia, and California, 1895; assistant curator, department of anthropology, American Museum of Natural History, New York, 1896-; lecturer on anthropology, Columbia University, 1896-99; professor of anthropology, 1899-; corresponding member of the Anthropological Society of Vienna, the Imperial Society of Friends of Natural Sciences, Anthropology and Ethnology at Moscow, the Roman Anthropological Society, the Anthropological Society at Washington, the American Antiquarian and Numismatic Society of Philadelphia; past vice-president of the Anthropological Section of the American Association for the Advancement of Science; associate editor of the *Internationales Archiv für Ethnographie* and of the *American Anthropologist*

PAUL MONROE . . . . . *History of Education*

A.B., Franklin College, 1890; Ph.D., University of Chicago, 1897; principal secondary schools, Indiana, 1890-94; graduate student, University of Chicago, 1894-97; senior fellow in sociology, University of Chicago, 1895-97; instructor in history, Teachers College, 1897-99; adjunct professor of the history of education, 1899-

SAMUEL TRAIN DUTTON . . . . . *School Administration*

A.B., Yale University, 1873; principal of High School, South Norwalk, Connecticut, 1873-78; principal of Eaton Grammar School, New Haven, 1878-82; superintendent of schools, New Haven, 1882-1890; superintendent of schools, Brookline, 1890-1900; lecturer on school supervision, Harvard University, 1897-98; professor of school administration in Teachers College and superintendent of Teachers College schools, 1900-

LIVINGSTON FARRAND . . . . . *Psychology*

A.B., Princeton College, 1888, and A.M., 1891; M.D., Columbia University, 1891; student at Universities of Cambridge and Berlin, 1891-93; instructor in physiological psychology, Columbia University, 1893-99; instructor in psychology, 1899-; secretary of the American Psychological Association; recording secretary of the American Eth-

nological Society; member of the American Society of Naturalists, the American Folk-Lore Society, the American Oriental Society, the American Association for the Advancement of Science, the Washington Academy of Sciences, and fellow of the New York Academy of Sciences

EDWARD LEE THORNDIKE . . . . . *Genetic Psychology*

A.B., Wesleyan University, 1895; A.M., Harvard University, 1897; Ph.D., Columbia University, 1898; fellow in psychology, Columbia University, 1897-98; instructor in psychology and education, Western Reserve University, 1898-99; instructor in genetic psychology, Teachers College, Columbia University, 1899-; member of the American Psychological Association, the American Association for the Advancement of Sciences, and the New York Academy of Sciences

CHARLES AUGUSTUS STRONG . . . . . *Psychology*

A.B., University of Rochester, 1884, and Harvard College, 1885; Rochester Theological Seminary, 1885-86; fellow of Harvard University and student at University of Berlin, 1886-87; instructor in philosophy, Cornell University, 1887-89; student at Universities of Paris, Berlin, and Freiburg, 1889-90; docent in Clark University, 1890; associate professor of psychology, University of Chicago, 1892-95; lecturer on psychology, Columbia University, 1896-; member of the American Psychological Association and of the New York Academy of Sciences

ADAM LEROY JONES . . . . . *Philosophy and Education*

A.B., Williams College, 1895; Ph.D., Columbia University, 1898; teacher in college preparatory school, 1895-96; scholar (1896-97) and fellow (1897-98) in philosophy Columbia University; assistant in philosophy, 1898-; member of the American Psychological Association

GEORGE BALTHASAR GERMANN . . . . . *Philosophy and Education*

A.B., Columbia College, 1895; Ph.D., Columbia University, 1899; graduate of the New Paltz (N.Y.) State Normal School, 1889; teacher in public schools, Brooklyn, (N.Y.) 1889-91; graduate of the New York University School of Pedagogy, 1894; assistant in mathematics, Columbia University, 1895-98; fellow in education, Columbia University, 1898-99; assistant in philosophy and education, Columbia University, 1899-; member of the American Mathematical Society and of the National Educational Association-

CLARK WISSLER . . . . . *Psychology*

A.B., Indiana University, 1897; A.M., 1899; assistant in psychological laboratory, Indiana University, 1895-97; instructor in psychology and education, Ohio State University, 1897-99; assistant in psychology, Columbia University, 1899-; member of the American Psychological Association



## General Statement

The courses of this Division fall into four groups, those on Philosophy, those on Psychology, those on Anthropology, and those on Education. In each group are courses intended primarily for undergraduates. These are best described as introductory courses, and their aim is to furnish a general acquaintance with the main subdivisions of Philosophy, Psychology, and Education as a whole. The courses known as Philosophy **1**, **2**, and **9**, Psychology **A**, **1**, **2**, **3**, and **8**, Anthropology **1**, and Education **1**, **2**, and **3**, are of this character. By the use of the historical and comparative methods of study and exposition, students in these courses are introduced to a general survey of their respective subjects. While serving as introductory courses for students proposing to specialize in philosophy, psychology, anthropology, or education, these courses are particularly recommended to those students of law, medicine, political science, natural science, or theology, who wish to acquire some knowledge of these subjects as part of a liberal education, or as supplemental to their own special lines of study. College students wishing to follow these courses are recommended to take Psychology **A** in the Sophomore year, Psychology **1** in the Junior year, and Philosophy **1**, Education **2**, and a course in Psychology or Anthropology, in the Senior year.

The remaining courses in each group are intended primarily for advanced students. These courses may be taken only by those who have had the introductory courses, or their equivalent, at some other university. The advanced courses are planned with reference to each other, and a student remaining three years in the Division may pursue courses that cover the entire range of modern philosophy, psychology, anthropology, and education.

Juniors in Columbia College and in Barnard College may elect Education **3**, given at Teachers College, and count the same as part of the work required for the degree of Bachelor of Arts. Seniors may take any of the Education courses that are open to them, and count the same toward the degree of Bachelor of Arts, subject to the usual restriction that not more than six hours per week of elective work may be taken in any one subject.

A select number of advanced students, usually candidates for university degrees, are admitted to the seminars organized for training in research.

All courses offered by this Division, except Philosophy **A**, Psychology **7**, and Anthropology **3**, are open to women on the same terms as to men.

All courses except Psychology **A** and **7**, Anthropology **3**, the several seminars and research work, are open to auditors on the usual terms.

## Courses in Philosophy

1—Historical and critical introduction to philosophy—Weber's *History of Philosophy*; Windleband's *History of Philosophy*; Paulsen's *Introduction to Philosophy*—Lectures, essays, and private reading—3 hours weekly. Professor BUTLER, assisted by Dr. JONES

M., W., and F. at 2.30, Room 422 Library

This course embraces both a general survey of systematic thought from the rise of Greek philosophy to the present time, with particular reference to the development of the conceptions and problems of philosophy, and a critical study of the fundamental questions of contemporary thought. Especial stress is laid upon the relations between philosophy and the development of civilization, as shown in the institutions, art, and literature of various nations and periods. This course serves as a general introduction to the study of philosophy, and is prerequisite to Courses 3, 6, 11, 12, 13, and 14.

2—Ethics—Recitations, essays and discussions—Mackenzie's *Manual of Ethics*—3 hours weekly. Professor \_\_\_\_\_

M., W., and F., at 11.30, second half-year, Room 406, Library

This course aims to give a careful and systematic analysis of elementary conceptions in ethics, with an examination of the fundamental doctrines of this branch of philosophy. It deals largely with theoretical problems, but devotes a portion of the time to practical questions. The principal subjects treated are conscience, its nature, origin, and authority, with particular reference to the doctrine of evolution; motives; the will and its freedom; utilitarianism, and its opposing theories; the doctrine of rights; and the duties of the individual, the family, and the state. This course is prerequisite to Course 5.

[3—The philosophy of Kant and his successors; Fichte, Schelling, Hegel, Herbart, and Schopenhauer—Lectures, essays, and private reading—2 hours weekly. Professor BUTLER

*Not given in 1900-1901.*

This course consists chiefly of a detailed examination of the Kantian philosophy and its results. The successive topics discussed are: the state of philosophical opinion in the 18th century; Kant's life, education, and philosophical development; the influence of Berkeley, Hume, Newton, Leibniz, Wolff, and Rousseau on Kant; his various writings before 1781; the three Critiques and the later works; Kant's permanent service to philosophy; his influence on modern thought; the relation of Fichte, Schelling, Hegel, Schopenhauer, Herbart, and Lotze to Kant and to each other.

Course 3 is open only to students who have had Course 1 or its equivalent.]

[4—British philosophy from Locke to Herbert Spencer; history and criticism of the association psychology and the philosophy of evolution—Locke's *Essay on the Human Understanding*; Berkeley's *Principles of Human Knowledge*; Hume's *Treatise of Human Nature*; the writings of Hartley, Brown, the Mills, and Bain; Herbert Spencer's *First Principles*—Lectures, essays, and private reading—2 hours weekly. Professor BUTLER

*Not given in 1900-1901.*

In this course a study is made, historically and critically, of the tendencies in modern British thought known as skepticism and agnosticism. The psychological basis of these tendencies is carefully examined, and a criticism of their methods and results is offered.

Course 4 is open only to students who have had Course 1 or its equivalent.]

5—Practical ethics—Lectures, private reading, observation, essays, and discussions—2 hours weekly. Professor HYSLOP

M., W, and F., at 3.30, Room 417 Library.

This course opens with a study of casuistry and the general problems of practical ethics in their relation to the theory of morality. After this, special practical questions are taken up in the form of reading, lectures, and discussions, special emphasis being laid upon the individual side of the problems involved. The topics for study include suicide; poverty and its causes; charity, its history, object, and methods; ethical aspects of labor problems, methods of punishment, prison discipline and reform, the family, marriage and divorce, property, individual rights, intemperance and methods of treatment, civic duties, etc.

Course 5 is open only to students who have taken Course 2 or its equivalent.]

[6—Epistemology—Lectures, discussions, and essays—2 hours weekly. Professor HYSLOP

*Not given in 1900-1901*

This course will be introduced by a careful study of Plato and Aristotle, and a brief historical examination of the most important doctrines down to modern times. This will be followed by the special study of the later writers including Hobhouse, Lotze, Riehl, Sigwart, Ladd, and Hodgson. The purpose of the course is critical and constructive rather than historical.]

[7—History of ethics—Lectures, essays, and discussions—2 hours weekly. Dr. JONES

*Not given in 1900-1901.*

This course consists of an examination of the principal ethical theories, ancient and modern. Sidgwick's *History of Ethics* and Selby-Bigge's *British Moralists* will be used as texts and books of reference.]

8—Principles and problems of æsthetics—Lectures, essays, and discussions—2 hours weekly. Dr. JONES

M. and W., at 11.30, Room 417 Library

This course is introduced by an examination of the physiological, psychological, sociological, and philosophical systems of æsthetics, based in part upon the writings of Allen, Santayana, Guyau, and Grosse. This is followed by an analysis and discussion of the more important historical theories of æsthetics.

Two hours of laboratory work, counting as an additional hour, may be taken in connection with this course.

9—Logic and scientific method—Creighton's *Introductory Logic*; Jevons's *Principles of Science, Recitations, and Discussions*—3 hours weekly, second half-year only. Professor ———

M., W., and F. at 1.30, second half-year, Room 418, Library

This course includes a thorough study of the principles of deductive and inductive reasoning, and their applications.

10—Journal Club—Reports and discussions on contemporary literature—1 hour weekly. Dr. JONES. [Hour to be arranged to meet the convenience of students]

Room 417 Library

This is a class for the study of contemporary thought as expressed chiefly in the current philosophical journals. The work consists of reports and discussions on assigned journals, reviews of important philosophical books, and accounts of the original investigations being carried on in the different departments of the University.

**11—Studies in European philosophy from the Renaissance to the Enlightenment—Lectures—2 hours weekly. Dr. JONES**

Tu. and Th. at 1.30, Room 417 Library

This course will trace the general history of philosophy from the decline of Scholasticism down to the publication of Locke's *Essay on the Human Understanding*, and through the metaphysical writings of Leibniz. Special attention will be given to the problem of Substance and to the Philosophy of Nature belonging to this period. The former will be treated in its relation to the doctrine of Substance held by the Greeks and schoolmen on the one hand and to the teachings of later philosophy on the other. In the Philosophy of Nature will be considered especially the opposition between the Cartesian doctrine and that of Newton and Leibniz.

**12—Philosophical practicum: Selected topics in modern philosophy, principally taken from the writings of Hegel and of Herbart—2 hours weekly. Professor BUTLER**

Tu. and Th. at 2.30, Room 415 Library

This course will consist of the reading and discussion of selected portions of the writings of Hegel, Froebel, and Herbart, with reference particularly to topics which are fundamental, both in philosophy and in the theory of education. The course is designed to meet the needs of advanced students of educational theory, as well as those of advanced students of philosophy.

**13—Metaphysics—Lectures, discussions, and essays—2 hours weekly. Professor HYSLOP**

Tu. and Th., at 3.30, Room 417 Library

This course includes a brief sketch of the history of metaphysical doctrine, and proceeds to a careful analysis of the main concepts of metaphysics: reality, cause and effect, substance, matter, mind, absolute, phenomena, consciousness. This will be discussed as distinct from epistemological problem.

Ancient metaphysics will be studied in the writings of Plato and Aristotle, and modern metaphysics in the writings of Kant, Hegel, and Lotze, together with reference to later writers, including Riehl, Wundt, Ladd, and Bowne.

**14—Philosophical practicum: the philosophy of Herbert Spencer—Lectures, readings, essays, and discussions—2 hours weekly. Professor HYSLOP**

M. and W. at 1.30, Room 417 Library

Seminar—Professor HYSLOP. One session weekly. [Hour to be arranged]

The purpose of the Seminar is training in methods of research in ethics. It is open only to candidates for the degrees of Master of Arts and Doctor of Philosophy. The subject for 1900-1 will be: *The Philosophy of Aristotle*.

**15—Philosophy of religion, A—2 hours weekly, first half-year. Professor KNOX, Union Theological Seminary.**

This course lays the philosophical foundation for the study of religion, and includes the theory of religious knowledge with a brief historical introduction.

**16**—Philosophy of religion, B—2 hours weekly, second half-year. Professor KNOX, Union Theological Seminary.

This course traces the historical development of religion as illustrated by Shinto, Hinduism, Buddhism, and Confucianism.

**17**—Philosophy of religion, C—Christianity the absolute religion—2 hours weekly, second half-year. Professor KNOX, Union Theological Seminary.

Courses 15 and 16 are a prerequisite to Course 17.

**18**—Theism: its relation to modern science and idealistic philosophy—2 hours weekly, second half-year. Professor KNOX, Union Theological Seminary.

**19**—History of Christian ethics, with special reference to the scholastic development—2 hours weekly, first half-year. Professor THOMAS C. HALL, Union Theological Seminary.

**20**—Outline of Christian ethics—2 hours weekly, second half-year. Professor THOMAS C. HALL, Union Theological Seminary.

### Courses in Psychology

**A**—Elements of psychology—James's *Principles of Psychology*—Discussions, practical exercises, and recitations—3 hours weekly, first half-year. Professor ———

Room 416 Library

This course is given in four sections in order that the classes may be small. Students are assigned to the several sections in alphabetical order, but for reasons of weight, with the consent of the Dean, a student may be transferred to a section other than that to which he properly belongs.

1—M., W., and F., at 1.30	} Room 418, Library.
2—M., W., and F., at 11.30	
3—Tu., Th., and S., at 9.30	
4—Tu., Th., and S., at 10.30	Room 405, Library.

This course is required of all members of the Junior class in Columbia College, unless it has been taken in the Sophomore year; and must be taken by all university students who desire to enter the advanced courses, unless they have had an equivalent course elsewhere.

The treatment is general, and is designed to be an introduction to the subject, having special reference to the definition of psychological terms and the fundamental laws of mind. Particular stress is laid on modern scientific methods in psychology, upon its value as an educational instrument, and upon certain features which are interesting and important to the teacher, the physician, and the lawyer.

This course may not be counted for the degrees of Master of Arts and Doctor of Philosophy.

**1**—Introduction to psychology—Lectures and demonstrations. Professors BUTLER, CATTELL, BOAS, STARR, and HYSLOP, Drs. FARRAND and THORNDIKE, and Mr. STRONG

Tu. and Th. at 11.30, Psychological Laboratory, Schermerhorn



The object of this course is to give a summary view of the subject-matter and methods of modern psychology. The ground covered is as follows:

- A. Prolegomena to psychology, including a sketch of the history of psychology, a statement of its methods and of its relations to philosophy and to the other sciences. Six lectures. Professor BUTLER
  - B. Physiological psychology: Relations of mind and brain; anatomy of spinal cord and nerves; physiology of spinal cord and nerves; anatomy of the brain; physiology of the brain; localization of brain function; end-organs of sense; general questions of physical and mental correlation, sleep, dreams, etc. Eight lectures. Dr. FARRAND
  - C. Experimental psychology: Laboratory methods in psychology; vision, hearing, and the lower senses; movement and feeling; attention, association, and memory; mental time, intensity, and extensity. Eight lectures. Professor CATTELL
  - D. Genetic psychology: Mental development of the lower animals and the relations of animal to human intelligence; the infant's mind; the child's mind; effects of environment and education on the child. Seven lectures. Dr. THORNDIKE
  - E. Comparative psychology: Mental development of primitive man; language; speech and gesture; writing; ideas of number and counting; individual differences; mental and social development. Seven lectures. Dr. BOAS
  - F. Pathological psychology: Diseases of movement; diseases of sensation; diseases of mind. Three lectures. Dr. STARR
  - G. General psychology: Sensation and its relation to the problems of knowledge; the general process of perception; theories of space perception; the perception of space; the nature and formation of conceptions, reasoning, knowledge, and belief; nature and functions of emotion; nature and functions of the will. Eight lectures. Professor HYSLOP
  - H. Philosophy of mind: Its relation to psychology and to general philosophy; the nature of the physical world; the nature of consciousness; the relation of mind and body; the origin of consciousness. Six lectures. Mr. STRONG
- 2—Experimental psychology, introductory course—Lectures, themes demonstrations, and experiments—2 hours weekly. Professor CATTELL  
Tu. and Th. at 10.30, Psychological Laboratory, Schermerhorn

This course is introductory to the more advanced courses in psychology, and is intended to give such knowledge of modern psychological methods and results as should be included in a liberal education. The senses and movement are studied during the first half-year with regard to the interrelations of physics, physiology, and psychology. Special attention is given to vision and hearing, including the scientific



basis of music. Methods for studying defects of the senses, as required in the practice of the physician or supervision of the school, are especially considered.

In the second half-year the higher mental processes are studied in so far as this can be done by experimental methods. The subjects taken up are the relations of mind and body, feeling, attention, habit, memory, imagination, association, sub-consciousness, etc., and the measurement of the time, intensity, and extensity of mental processes.

Members of this course are recommended to read James's *Principles of Psychology* and Wundt's *Physiologische Psychologie*. The required reading, however, consists in the working up of special topics by each student.

**3—Experimental psychology—Laboratory work—2 or 4 hours weekly, counting as a 1- or 2-hour course.** Professor CATTELL, assisted by Mr. WISSLER

Tu. and Th., 9.30, 2.30-4.30, Psychological Laboratory, Schermerhorn

This course is intended to give students attending Course 2 opportunities for laboratory work and should, when possible, be taken in conjunction with it.

**4—Problems in experimental psychology—Lectures, laboratory work, and reports—2 hours weekly.** Professor CATTELL

Tu. and Th. at 12.30, Psychological Laboratory, Schermerhorn

The subject of this course is proposed for 1899-1900 only, the course being altered each year, so that candidates for the higher degrees may be able to investigate different subjects. This course is adjusted to the needs of the students wishing to attend it, the methods being those of the seminar. Students are expected to carry out experiments, verifying researches made by others, and undertaking original research, and to report on these and on the literature of the subject.

**5—Research work in experimental psychology.** Professor CATTELL, assisted by Mr. WISSLER

Daily, Psychological Laboratory, Schermerhorn

Students looking forward to the degree of Doctor of Philosophy, and scientific men, are given in this course opportunity for psychological research in any direction. The laboratory has been specially arranged and the apparatus secured for such research, and any additional or new apparatus required for special investigation will be at once secured. Students are referred to the description of the laboratory and its equipment. (p.26.)

**11—Genetic psychology, advanced course.** Dr. THORNDIKE

Th., 1.30-3.30, Teachers College

This course gives opportunity for a thorough study by lectures and seminar methods of the development of the child, and the conditions of heredity and environment on which it depends. Comparisons are made with the mind of the lower animals and of savages and with defective and delinquent children. The influence of educational methods on physical and mental growth are fully treated.

**13—Research work in genetic and comparative psychology—Consultations—Dr. THORNDIKE**

Hours to be arranged. Psychological Laboratory, Schermerhorn, and Teachers College

This course is intended for advanced students, candidates for the higher degrees. Original investigations are undertaken under the direction of the instructor.

- 6—Analytic psychology—Lectures, discussions, and private reading—  
2 hours weekly. Mr. STRONG  
W. and F., 10.30, Psychological Laboratory, Schermerhorn

This course, intended for advanced students, considers the principal questions of psychological theory from the standpoint of introspective analysis, but with due attention to physiological and pathological facts. Passages from James's *Principles of Psychology* and Stout's *Analytic Psychology* are expounded and criticised. The subjects treated include: methods of explanation in psychology; the traditional division of mental states into knowledge, feeling, and will; the psychology of space and time current; theories of attention, belief, emotion, will, etc.

- 14—Philosophy of mind—Lectures, discussions, and private reading—  
2 hours weekly. Mr. STRONG  
Tu. and Th., 10.30, Psychological Laboratory, Schermerhorn

This course treats of the philosophical problems growing out of psychology, viz.: the general nature of consciousness, its relation to the body, its origin and place in the world. The views of the great philosophers, and of contemporary writers such as Bradley, Hodgson, Ward, James and Royce, are reported and discussed. In connection with the relation of mind and body, it is found necessary to consider the belief in an external world; and the course thus forms an introduction to philosophy suitable for students of psychology.

- 15—Research work in analytic psychology and the philosophy of  
mind—Consultations. Mr. STRONG  
[Hours to be arranged.] Psychological Laboratory

This course is intended for advanced students who are candidates for the higher degrees. Original investigations are undertaken under the direction of the instructor.

- 7—Diseases of the mind and nervous system—Lectures and demon-  
strations—1 hour weekly. Professor STARR  
Th., 4-5, College of Physicians and Surgeons

This course extends through two years. One year (1900-1901) is devoted to the study of the diseases of the spinal cord and functional nervous diseases. This part of the course is of interest chiefly to students of medicine. In the year 1901-1902 diseases of the brain and insanity are treated. This part of the course is preceded by some general lectures on the structure and functions of the brain; on localization; on the physical basis of thought; on aphasia; and on mental symptoms in disease. The lectures on insanity emphasize the contrast between normal and abnormal mental action.

- 8—Physiological psychology, general course—Lectures, demonstra-  
tions, and laboratory work. Dr. FARRAND  
M., W., and F. at 10.30, Psychological Laboratory, Schermerhorn

This course consists of lectures, demonstrations, and laboratory work on the anatomy and physiology of the nervous system. A brief general discussion of its development through lower to the higher forms is followed by a more thorough study of the anatomy of the human central nervous system, this in turn leading up to its physiology. Attention is called throughout to the psychological bearing of the facts under discussion.

This course is especially recommended to intending students of medicine.

9—Abnormal and pathological psychology—Lectures and discussions.

Dr. FARRAND

F. at 12.30, Psychological Laboratory, Schermerhorn

This course treats of insanity, idiocy, and imbecility, illusions and hallucinations, and related topics.

12—Research work in physiological and abnormal psychology—Consultations. Dr. FARRAND

[Hours to be arranged.] Psychological Laboratory, Schermerhorn

This course is intended for advanced students, candidates for the higher degrees. Original investigations are undertaken in consultation with the instructor.

### Courses in Anthropology

1—Anthropology, general introductory course—Lectures, essays, and discussions. First term: physical anthropology and linguistics. Professor BOAS. Second term: ethnology. Dr. FARRAND

Tu. and Th. at 1.30, Psychological Laboratory

In the first half of this course a description of human races and of their distribution is given. The physical characters of the earliest human remains and their relations to present forms are discussed, and types of languages and their geographical distribution are described. In the second half of the year there is a discussion of the mental development of primitive man, which is followed by a description of types of primitive culture, and an inquiry into the origin and development of particular phases of culture.

2—The statistical study of variation, introductory course—Lectures, essays, and discussions. Professor BOAS

Tu. and Th. at 9.30, Psychological Laboratory

This course is intended as an introduction to the study of variation for students of anthropology, biology, and psychology. The characteristic features of variability and the methods of treatment are discussed. Practical work on anthropological, biological, and psychological material supplements the lectures.

3—Ethnology—Primitive culture—Lectures, papers, and discussion. Dr. FARRAND

M. and W. at 12.30, Psychological Laboratory

This course consists of a more detailed treatment of the questions involved in primitive culture, such as the origin and development of mythology, morality, and religion, education, art, social customs, etc. Students are expected to have taken Anthropology 1, or to give satisfactory evidence of previous work before being admitted to this course.

4—Physical anthropology—Lectures and laboratory work. Professor BOAS

W., 9.30–11.30, American Museum of Natural History

Lectures and demonstrations in physical anthropology, including characteristics of the races of man, influences of social conditions upon anatomical features, growth, etc. The collections and instruments belonging to the Anthropological Department of the American Museum of Natural History will be accessible to students in this course. Course 2, or its equivalent, is prerequisite to this course.

5—North American languages—Lectures and discussions. Professor BOAS

Tu. 10.30–12.30, Psychological Laboratory

Selected languages will be discussed representing different types. Indian myths will be translated in connection with grammatical interpretation. The course extends over two years, allowing time for the consideration of representative types of North American languages.

6—Physical Anthropology—Ethnology—North American languages—Research work. Professor BOAS and Dr. FARRAND

Daily, Psychological Laboratory, Schermerhorn, and American Museum of Natural History

This course is intended for advanced students and candidates for the higher degrees. Original investigations are undertaken in consultation with the instructors.

### Courses in Education

The courses in education, except Course 2, are given primarily under the Faculty of Teachers College. All courses in education are open to duly qualified students of the University without distinction of sex

#### *History and Philosophy of Education*

1—History of education—Lectures, required reading, reports, and discussions. 2 (or 3) hours.<sup>1</sup> Professor MONROE.

Tu. and Th. at 3.30, and one optional hour to be arranged.

This course involves a study of ideals controlling various peoples, the expression of these ideals in their conception of education, and the attempt at realization through their educational systems. (1) Evolution of early education (a) in genetic society; (b) in political societies; (2) Oriental education—China as a type; (3) Greek education—(a) historic systems, (b) theorists; (4) purposes and methods of Roman education; (5) the interaction of Greek, Roman, and Christian influences in forming the educational ideals and shaping the school systems of mediæval times; (6) the Middle Ages—(a) the Carolingian revival, (b) scholasticism, (c) the rise of universities; (7) the Renaissance; (8) the Reformation; (9) the tendencies of the seventeenth and the eighteenth centuries, as determined by the Renaissance and Reformation; (10) modern education. Throughout the course the types of education are to be studied as phases of the history of civilization. The course will include a brief discussion of the scope of the subject.

This course, or its equivalent, is required of all candidates for a diploma. The third hour is optional and is devoted to conference and discussion. When taken, the course counts as a three-hour course.

<sup>1</sup> NOTE :—In this announcement the credit given for courses is scheduled in hours. The basis of reckoning is the number of class exercises per week throughout the year. Two hours of practical work, as in the laboratory, shop, or schoolroom, count as one hour. In case the number of exercises per week is larger than the credit given, the actual number of hours required is given in parentheses. Thus "2 (4) hours" means that the course requires four hours of work per week, and counts as a two-hour course.

2—Principles of education—Lectures, essays, required reading, and discussions; 2 or 3 hours. Professor BUTLER, assisted by ———

M. and W. at 3.30, and 1 optional hour. (F. at 3.30,) Room 407, Schermerhorn Hall

This course aims to lay the basis for a scientific theory of education considered as a human institution. The process of education is explained from the standpoint of the doctrine of evolution, and the fundamental principles thus arrived at are applied from the threefold standpoint of the history of civilization, the developing powers of the child, and the cultivation of individual and social efficiency. During a portion of the course, Butler's *Meaning of Education*, Harris's *Psychologic Foundations of Education*, Davidson's *Aristotle and the Ancient Educational Ideals*, and Eliot's *Educational Reform* are constantly referred to. A printed syllabus is issued for the course.

Required of all candidates for a diploma in secondary or elementary teaching. The third hour is optional, and is devoted to recitation and discussion; when taken, the course counts as a three-hour course.

8—Secondary education. Lectures, discussions, and reports. 2 hours. Professors MONROE and RUSSELL.

Tu. and Th. at 4.30.

In this course special attention is given to the historical development of secondary education in Europe and America; the purposes and means of secondary education; the administration of secondary schools; the organization of the curriculum, and the general problems of secondary education. A special feature of this course will be a series of lectures by eminent administrators and teachers of secondary schools on topics supplementary to the regular work. Students will be required to familiarize themselves with the organization and management of the Horace Mann High School and to make special studies of other secondary schools in New York and vicinity.

Open to graduates, qualified seniors, and special students. Required of candidates for diplomas in secondary teaching.

[28—Educational classics—Lectures, required reading, and discussions. 2 hours. Professor MONROE.

This course offers a critical study of the sources of the history of education. Selections will be made from the following writers: Homer, Aristophanes, Xenophon, Plato, Aristotle, and Plutarch of the Grecian period; Cicero and Quintilian of the Roman period; Saint Jerome and Saint Augustine of the patristic period; Alcuin, Rabanus Maurus, and the schoolmen of the mediæval period; Petrarch and Æneas Sylvius of the renaissance period; Luther, Erasmus, Melancthon, and the Jesuits of the reformation period; Rabelais, Montaigne, Ascham, and Mulcaster of the later sixteenth century; Comenius, Milton, and Locke of the seventeenth century; Rousseau, of the eighteenth century; Pestalozzi, Herbart, Froebel, Spencer, and others of recent times.

Open to graduates, qualified seniors and special students; Education 1, or its equivalent, is a prerequisite to this course.

*Not given in 1900-1901.*

29—Seminar—Historic development of the curriculum of the secondary school—Investigation, research, and discussions—2 sessions monthly. Professor MONROE

Hours to be arranged

Open to graduate students who are qualified to undertake research and investigation.



*Educational Administration*

6—School administration—Lectures, essays, and discussions—2 hours. Professor DUTTON

Tu. and Th. at 4.30

This course deals with the following topics: Forms of educational control, as national, state, municipal and private; the growth of school supervision; functions of school boards, superintendent, principal; school buildings—construction, heating, ventilation, lighting, sanitation and equipment; playgrounds; relation of supervising officers to school board, principals, teachers, pupils, janitors, parents and citizens; school management—grading, promotions, examinations, records, prizes, and other incentives; courses of study from the standpoint of the superintendent; the school as a social organization; libraries, museums, other culture forces, and community co-operation. Students will have the opportunity of studying the administration of the Teachers College schools and of visiting schools in the vicinity.

Open to graduates, qualified seniors, and special students.

30—Seminar—Administration of public education in the United States. Investigation and research—2 sessions monthly. Professor DUTTON  
Hours to be arranged

Open to graduate students who are qualified to undertake research and investigation.

[7—National educational systems—Lectures, supplementary reading, and reports—2 hours. Professor RUSSELL

This course is designed to present a comprehensive view of a typical foreign school system, and to aid students in making intelligent comparisons of the practical workings of this system with other systems at home and abroad. Besides the required readings outlined in the printed syllabus of this course, each student will be required to make an independent study of some state school system and to present to the class from time to time the results of his investigation. The school systems of Scotland, Ireland, Wales, Switzerland, Holland, Norway, Sweden, the British Colonies, and American States are recommended for this purpose. Specialists in various departments of school administration will be invited occasionally to conduct public conferences at the College on topics connected with the course, and several excursions will be made to typical educational institutions in the vicinity of New York in order to secure personal knowledge of their organization and management.

Given in 1901-1902 and in alternate years thereafter. Open to graduates, qualified seniors, and special students.]

31—Practicum—The professional training of teachers—1 hour. Professor RUSSELL

Hour to be arranged

The practicum will be devoted to a critical study of selected topics in normal school administration, accompanied by reports and discussions on professional requirements for teaching and the methods of training teachers, at home and abroad.

Open as elective to graduates and to experienced teachers who are preparing for work in normal schools.

*Genetic Psychology and School Hygiene*

9—Child Study—Observation, experiments, private reading, and conferences—2 hours. Dr. THORNDIKE

Tu. and Th. at 11.30



This course on the physical and mental development of the child is supplementary to the prescribed course in systematic and applied psychology. It is designed to present the facts, so far as they have been scientifically determined, as to the nature and development of the mind during childhood and adolescence, with especial reference to the meaning of these facts to the teacher. It will seek to provide the student with sound criteria for estimating theories about the child's mind, and to give him adequate training in observation and experiment with special reference to the hygiene of instruction, fatigue and home study, school diseases, the ordinary defects of sight and hearing, and other functional derangements.

Open to students who are taking, or have completed, Psychology A and Education

3. Required of candidates for the diploma in elementary or kindergarten teaching.

**Psychology 11**—Genetic psychology, advanced course. Dr. THORNDIKE  
Hours to be arranged

This course gives opportunity for a thorough study by lectures and seminar methods of the development of the child, and the conditions of heredity and environment on which it depends. Comparisons are made with the mind of the lower animals and of savages and with defective and delinquent children. The influences of educational methods on physical and mental growth are fully treated.

Open to graduates, qualified seniors, and special students.

**Psychology 15**—Genetic and comparative psychology—Research work—  
2 or more hours. Dr. THORNDIKE

Hours for consultation to be arranged

Open to qualified students who receive special permission from the instructor.

**27**—School hygiene and child study—3 hours, second half-year. Dr.  
THORNDIKE

Hours to be arranged

This course is intended primarily for superintendents of schools and principals. It will present the scientific basis of physical and mental hygiene in schools, and those facts concerning the psychology of childhood and adolescence which are important for classifying, promoting, and managing school children.

Open to graduates and to others who obtain the consent of the instructor.

### *Theory and Practice of Teaching in Secondary Schools*

**11**—Art and drawing—Lectures, conferences, observation and practical work—2 (3) hours. Professor CHURCHILL and Mrs. CHAMBERS  
M. and F., at 1.30

The aim of this course is to give the students ability to apply subject matter which he has acquired, and to prepare him for work in the classroom. The chief topics are the following: Art, as a factor in public education; planning of courses and correlation with other studies; present status of school drawing; adaptation of art work to existing conditions; comparisons of the best courses of study; observation of expert teaching in elementary schools. The course will involve the working out of lessons in detail with methods of presenting them in the classroom, and practice teaching under criticism, so far as conditions will permit.

Open as elective to qualified students. Required of students, who are candidates for the diploma in fine arts.

**12**—Biology—Lectures and discussions—One conference and two or more hours of practical work, counting as a two-hour course. Professor LLOYD and Mr. BIGELOW

W., 9.15-11.30

The work embraces a study of the aims, materials, and methods involved in the teaching of botany and zoölogy in the secondary school, and is accompanied by practical work consisting in the critical study of the courses, as carried out in the Horace Mann school and in other schools in New York and vicinity, in field work for practice in the collection of materials, in the handling and preparation of experiments and materials, and in similar practical matters. Each student is required to prepare a thesis on some question pertaining to the teaching of biology. The course is designed for intending teachers in biology and for those who are preparing themselves for supervision of biological science (elementary physiology and nature study).

Open to graduates, qualified seniors, and special students. Required of candidates for the diploma in secondary teaching in biology.

**13—English—Lectures, reading, written work, observation, and practice teaching—**One conference and two or more hours of practical work, counting as a two-hour course. Professor BAKER

Tu. and Th., at 9.15

This course is planned to meet the needs of intending teachers in high schools, academies, and college-preparatory schools. The work is as follows, (a) Literature—first half-year: interpretative and critical study of typical stories, poems, essays, and dramas; principles of selection and presentation of literature in secondary schools; aims and methods of teaching literature. (b) Composition—second half-year: the study of typical forms of prose with reference to their use in teaching composition; principles and methods of teaching rhetoric and composition.

Open to graduates, qualified seniors, and special students. Required of students who are candidates for the diploma in secondary teaching in English.

**FRENCH 17—Teachers' Course—Lectures, essays, reports, and practical exercises.—2 hours.** Professor COHN

M. and W. at 3.30

This course is designed for students who intend to teach French. The various methods now used in teaching French and the comparative value of classroom exercises will be discussed. Time will be devoted also to a study of the component parts of the French sentence and to explanations needed by pupils for a thorough understanding of the principles and main facts of French grammar.

Open as elective to qualified students. Required of students who are candidates for the diploma in secondary teaching in French.

**16—Geography and geology—Lectures, discussions, and practical work—**one conference and 2 or more hours of practical work, counting as a 2-hour course. Professor DODGE

Conference and other hours to be arranged

Open as elective to qualified students. Required of candidates for the diploma in secondary teaching in geography and geology.

**17 GERMAN—Discussions, reports of observation, and practice-teaching—**2 or more hours of practical work. Mr. BAGSTER-COLLINS

Hours to be arranged

Required of students who are candidates for the diploma in secondary teaching in German.

Greek 35<sup>1</sup>—Teachers' course—Lectures and essays—1 hour, counting with Education 18 as a 2-hour course. Dr. ROGERS

Hour to be arranged

This course includes a comparative study of grammar, rhetoric, literature, history, Greek and Latin composition, art and archæology so far as these bear upon the teaching of Greek and Latin in secondary schools; a consideration of various classes of textbooks, maps, photographs, casts, and other illustrations, and of the choice of authors from the viewpoint of the teacher.

Open as elective to qualified students. Required of students who are candidates for the diploma in secondary teaching in Greek.

18<sup>1</sup>—Greek—Discussions, reports of observation, and practice-teaching. Two or more hours of practical work, counting with Greek 35 as a 2-hour course. Miss COCHRAN.

Hours to be arranged

Open as elective to qualified students. Required of students who are candidates for the diploma in secondary teaching in Greek.

19—History—Lectures, discussions, observation, and practice-teaching. One conference and 2 or more hours of practical work, counting as a 2-hour course. Professor CASTLE

Tu. and Th. at 10.30, conference, W. at 10.45

This course covers work along the following lines: Investigation of some historical topic to show use of material by the teacher; methods of presenting subject-matter to classes; observation and practice work in Horace Mann school; observation and reports upon history work in some of the city schools. A thesis upon some particular phase of historical teaching is required. The conference work will consist in working out a detailed course in Roman history for high schools, including specific reference in history and literature, illustrative material, and bibliographies.

Open as elective to qualified students. Required of students who are candidates for the diploma in secondary teaching in history.

21<sup>1</sup>—Latin—One conference and 2 or more hours of practical work, counting as a 2-hour course. Mr. C. M. BAKER—Lectures by Professor PECK and officers of the Department of Latin

Hours to be arranged

Open as elective to qualified students. Required of students who are candidates for the diploma in secondary teaching in Latin.

22—Manual training—Discussions, essays, and supplementary reading—2 hours. Professor RICHARDS

Hours to be arranged

The general lines of work in this course are as follows: The educational philosophy of manual training; relation of manual training to aim and means of education; development and self-activity; principles and methods; study of character, presentation and execution of models in manual training.

Required of all first-year students who are candidates for the diploma in manual training.

---

<sup>1</sup>The teachers' courses in Greek and Latin are offered, subject to change, pending the appointment of a Teachers College professor of classical languages.

**32—Manual training—Discussions, essays, and observation—2 hours.**  
 Professor RICHARDS

M. and W. at 11.30

This course includes the following topics: The practice of manual training; the organization and supervision of public-school work; correlation of manual training with other school work; the problem of equipment, including compilation of costs and the preparation of plans; history and development of manual training in the United States and Europe; comparative study of courses from representative schools in our own and in foreign countries. The first half-year will be devoted to the subject as related to the elementary school, and the second half-year to the problem of the secondary school.

Required of all secondary students who are candidates for the diploma in manual training.

**23—Mathematics—Lectures, discussions, and practical work. One conference and 2 or more hours of practical work, counting as a 2-hour course.** Professor BIKLÉ

Tu. and Th. at 1.30

This course includes a review of arithmetic, algebra, geometry, and trigonometry, with special reference to the needs of secondary schools, and a study of the following topics: the relations of mathematics to other subjects of the curriculum; practical applications within the scope of the secondary school; study of the literature of the subject; observation, and practice in preparing and teaching series of typical lessons.

Open as elective to qualified students. Required of students who are candidates for the diploma in secondary teaching in mathematics.

**25—Physical science—First half-year, chemistry; second half-year, physics. Laboratory exercises, observation, and preparation for practice-teaching. One conference and 2 or more hours of practical work, counting as a 2-hour course.** Professor WOODHULL

Hours to be arranged

This course covers the selection, arrangement, and treatment of subject-matter suitable for the secondary schools, and a study of equipment and management of laboratories.

Open as elective to qualified students. Required of students who are candidates for the diploma in secondary teaching in physical science.

*Theory and Practice of Teaching in Kindergarten and Elementary Schools*

**3—Applications of psychology in teaching. Discussions, critical study of texts, and collateral reading. 3 hours, second half-year. Two sections.**  
 Professor McMURRY

A. For students who are candidates for the diploma in domestic art, domestic science, fine arts, or manual training

M., W., and F., at 3.30

B. For students who are candidates for the diploma in secondary, elementary, or kindergarten teaching

M., W., and F., at 10.45

This course is concerned with both the science and art of education; with the science so far as it is dependent upon the laws of mental development, with the art so far as it involves the application of these laws in observing, planning and teaching

a lesson. The special aim is the development of a scientific method of the recitation and the application of the principles of method to individual studies and to standard textbooks.

Open only to students who have taken Psychology A or its equivalent. This course is prerequisite to Education 4, and all practice in teaching.

#### 4—Critic work and practice teaching

(a) Weekly conferences (2 hours) following observation of recitations, combined with (b) practice in teaching under supervision—

Professor McMURRY and Miss WOHLFARTH

Hours and credit for practice-teaching to be arranged

This course is limited to primary and elementary teaching, and is designed particularly for those preparing to be principals, supervisors, or superintendents of schools, or critic teachers in normal schools. (a) may be taken without (b), but not (b) without (a)—Either half-year may be taken separately.

Open to graduates, qualified seniors, and special students.

#### 5—General method—Critical study of texts, discussions, and supplementary reading—3 hours, first half-year. Professor McMURRY

M., W., and F., at 11.30

This course is a continuation of Education 3 and aims to apply the principles of Education 2 to the curriculum and methods of teaching in the kindergarten and elementary school. The chief topics for consideration are the ends of education, the means for their attainment, the relative value of studies, correlation, and interest.

Open to graduates, qualified seniors, and special students.

#### [10—Primary teaching—Observation, discussion, and lectures—2 hours. Professor McMURRY

This course is designed to give a thorough knowledge of the work of the first four grades, such as is needed by supervisors, principals, and superintendents of schools, and by critic teachers in normal schools.

Open as elective to qualified students.

Given in 1901-1902, and in alternate years thereafter.]

#### 33—Seminar—The curriculum of the elementary school—Investigation, research, and discussion—1 session. Professor McMURRY, in connection with heads of departments

W., 9.15-10.45

In this course the outline of study in each common-school subject will be determined by careful examination of the published curricula of the best schools of the country, by consultation with the heads of departments in the college, and by extensive discussion.

Open as elective to graduate students who are qualified to undertake research and investigation.

#### 34—Kindergarten principles—Discussions, collateral reading, and essays—2 hours. Professor RUNYAN

Tu. and Th. at 1.30

This course aims to give a comprehensive knowledge of the educational principles upon which the kindergarten system is based. A thorough study is made of Froebel's books, especially *The Education of Man*, with constant reference to other authorities in kindergarten and general educational theory.



Required of all students who are candidates for the diploma in kindergarten teaching.

**35—Kindergarten and primary teaching—**Lectures, written reports and observation in the kindergarten—2 hours during second half-year. Tu. and Th. at 10.45

The purpose of this course is to give a general idea of the principles and methods of the kindergarten for the benefit of students preparing for other branches of educational work.

**36—Kindergarten method and practice—**(a) Lectures, discussions, and preparation of lesson-plans—2 hours. Miss O'GRADY. W. and F., at 1.30—(b) Observation and practice in teaching—4 (8) hours. Professor RUNYAN, Miss O'GRADY, Miss BLAKE

Hours to be arranged to meet the convenience of students

This course aims to make practical application of the knowledge of principles gained in other courses. The kindergarten materials are considered both psychologically and practically, and plans for the yearly program are prepared and discussed. Finally the student's theoretical knowledge is tested and converted into power by daily experience under careful criticism in the kindergarten for one half-year.

Required of students who are candidates for the diploma in kindergarten teaching. Graduate students in kindergarten allowed to take (a) without (b).

**11—Art and drawing—**Lectures, conferences, observation and practical work—2 (3) hours. Professor CHURCHILL and Mrs. CHAMBERS M. and F. at 1.30.

The aim of this course is to give the student ability to apply subject-matter which he has acquired, and to prepare him for work in the classroom. The chief topics are the following: Art as a factor in public education; planning of courses and correlation with other studies; present status of school drawing; adaptation of art work to existing conditions; comparisons of the best courses of study. The course involves the working out of lessons in detail with methods of presenting them in the classroom, observation of expert teaching in elementary schools, and practice-teaching under criticism so far as conditions will permit.

Open as elective to qualified students. Required of students who are candidates for the diploma in fine arts.

**26—Drawing and manual training in the primary grades.** Conferences, preparation of lessons, observation, and practical work—2 hours. Professors CHURCHILL, RICHARDS, and WOOLMAN M. and F. at 1.30

This course is intended to give primary teachers and supervisors of schools such knowledge of the principles, methods, and practice of drawing and manual training as is applicable to the lower grades of the elementary schools. Special attention is given to the use of these subjects as means of expression and their relations to other subjects of the curriculum.

Open as elective to qualified students.

**14—English in elementary schools—**Lectures, recitations, and private reading—3 hours, first half-year. Professor BAKER M., W., and F. at 1.30



The course includes (a) a study of typical stories, essays, and poems ; principles of interpretation and criticism ; principles of selection, adaptation and presentation of literature in the elementary schools ; the study of interest, attention, and correlation ; (b) language study—composition and grammar ; observation, lesson-plans, and practice-teaching.

Open to qualified students who have completed courses 1 and 2, or their equivalent

**37—Geography in elementary schools—**Lectures, discussions and preparation for practice-teaching—3 hours, first half-year. Professor DODGE M., W., and F. at 9.15.

Open as elective to qualified students.

**20—History in elementary schools—**Lectures, conferences, reference work, observation, and practice-teaching—3 hours, first half-year. Professor CASTLE

W. at 10, and other hours to be arranged.

This course includes lectures on the educational value of history, its place in the curriculum, and the methods of teaching it applicable to the different grades; observation and criticism of model lessons; valuation of text-books and courses of study; preparation of lesson-plans, and practice-teaching when it can be conducted without injury to the classes taught.

Open as elective to qualified students.

**24—Mathematics in elementary schools—**Conferences, observation, and discussion—3 hours, second half-year. Professor BIKLÉ M., W., and F. at 1.30

This course includes lectures upon arithmetic, algebra, and geometry, their relations to one another and to other subjects of the curriculum, particularly to science and manual training. It also offers training in the preparation of lessons, and observation and practice in teaching.

Open as elective to qualified students.

**41—Nature study in elementary schools—**Lectures and discussions—1 hour. Professor LLOYD, Mr. BIGELOW, and Miss CARSS  
Hours to be arranged.

This course involves a critical study of the work in the Horace Mann Elementary School.

Open as elective to qualified students.

**38—Domestic art, introductory course—**Lectures, conferences, and practical work—2 hours. Professor WOOLMAN

Hours to be arranged

This course considers the relation of Domestic Art to the aims and means of education and presents methods of teaching it in elementary and secondary schools, including the presentation and application of the models in Domestic Art 1 and means of correlation with other grade work.

Open as elective to qualified students. Required of students who are candidates for the diploma in domestic art.

**39—Domestic art, advanced course—**Lectures, conferences, and practical work—2 hours. Professor WOOLMAN and Miss SCHENCK

Hours to be arranged

This course deals with problems in teaching Domestic Art in public, industrial and mission schools, the comparative study of courses from representative schools, the planning of courses of study, the organization, equipment, and management of departments, the designing of rooms.

Open to students who have completed Domestic Art 1, 2, and 3, and Education 38. Required of students who are candidates for the diploma in domestic art.

40—Domestic science—Lectures, conferences, and practical work—2 hours. Professor KINNE  
W. and F. at 1.30

This course is designed to present the methods of teaching domestic science in schools of all grades. It includes the planning and presentation of lessons, courses of study, the organization and equipment of departments, and the systematic study of problems in domestic science teaching.

Open to qualified students. Required of students who are candidates for the diploma in domestic science.

### Teachers College

Teachers College, founded in 1888 and chartered by the Regents of the University of the State of New York on January 12, 1889, became, by an agreement dated March 22, 1898, a part of the educational system of Columbia University. The President of Columbia University is President, *ex officio*, of Teachers College, and the College is represented upon the University Council by the Dean and an elected representative of its Faculty. The University professors of philosophy and education and of psychology are members of the Faculty of Teachers College, and the Teachers College professors of the history of education and of the theory and practice of teaching have seats in the Faculty of Philosophy, and the professor of manual training a seat in the Faculty of Applied Science. But the College maintains its separate corporate organization, and its Board of Trustees continues to assume the entire financial responsibility for its maintenance.

Teachers College is the professional school of Columbia University for the study of education and the training of teachers. It takes academic rank with the Schools of Law, Medicine, and Applied Science. The purpose of Teachers College is to afford opportunity, both theoretical and practical, for the training of teachers of both sexes for kindergartens and elementary and secondary schools, of principals, supervisors, and superintendents of schools, and of specialists in various branches of school work, including normal schools and colleges. The diplomas of the College are granted to those who satisfactorily complete the several courses offered, and certificates of work actually performed are granted to students who have pursued partial courses.

The educational administration of Teachers College is by departments, each of which has its own director and a full corps of instructors. The departments are as follows: Education, English, French, German, Greek,

Latin, History, Biology, Geography and Geology, Physics and Chemistry, Mathematics, Kindergarten, Fine Arts, Domestic Art, Domestic Science, Manual Training, Music and Voice Training, and Physical Training. No department, however, undertakes work that is done adequately in other faculties of the University. In history, the languages, natural sciences, and mathematics, therefore, few collegiate courses are offered in Teachers College, and in systematic and experimental psychology, philosophy, ethics, anthropology, economics, and social science the resources of the University are amply sufficient for all needs.

The College maintains two schools of observation and practice : one, the Horace Mann School, the other known as the Experimental School. The Horace Mann School comprises three departments—a kindergarten for children of three to six years of age, an elementary school of eight grades, and a high school of four grades. The Experimental School consists of a kindergarten, elementary school, and special classes in sewing, cooking, and manual training. Each department of the Horace Mann School is in charge of a principal, who ranks with directors of departments in the College. The Experimental School is under the immediate supervision of the College Professor of the Theory and Practice of Teaching. Both schools are under the general direction of a Superintendent of Schools, who is also the College Professor of School Administration. The Horace Mann School is a pay school for children of both sexes who intend to secure a complete secondary education. The Experimental School, likewise for both sexes, gives free tuition to children of the neighborhood who can not continue their studies beyond the elementary grades. Thus both schools form a great working laboratory in all lines of professional study and research.

### Equipment

The equipment of the Division is very complete and constantly being increased. It includes library facilities, laboratories of psychology and anthropology, schools of observation and practice, and the beginnings of an educational museum.

*Library Facilities*—The library facilities of Columbia University and of the City of New York, for students of Philosophy, Psychology, Anthropology, and Education, are unusually good. The College library, open daily (except Sunday) for fifteen hours, contains about 300,000 bound volumes and an equal number of pamphlets, and is being added to at the rate of more than 20,000 volumes annually. Any book needed by an advanced student can usually be bought at once. The collection of books on the history of philosophy is very large, that on Kant and his philosophy being especially complete. Over 900 periodicals are regularly received at the College library, and among them will be found every journal of importance, American or foreign, dealing with philosophy, psychology, anthropology, ethics, or education. Duplicates of the more

important books and journals are placed in the Psychological Laboratory and may be used by students at their convenience. Students of Psychology will also find much of value in the library of the Academy of Medicine, 15 West 43d Street, which is open to students free of charge. Students of Anthropology may avail themselves of the library of the American Museum of Natural History. The Astor and Lenox Libraries are also available for students, when introduced by one of the instructors, on especially favorable terms.

Students of Education have also at their disposal the Bryson library at the Teachers College. This collection now numbers more than 7,500 volumes, and is constantly being enlarged. The main purpose of the library is to afford to special students of Education opportunities for study and research. The library, therefore, consists chiefly of works on education in English, French, and German, including books on philosophy, psychology, anthropology, history of education, school organization, and methods of teaching. In addition to these professional works, the library also contains a collection of books on history, literature, biography, geography, travels, art, science, and technology, adapted to the needs of pupils in elementary and secondary schools, with which students of education and teachers should be familiar.

*The Psychological Laboratory*—The laboratory, which also provides for the work in anthropology not requiring the collections of the American Museum of Natural History, is in Schermerhorn Hall. This building, "devoted to the advancement of natural science," was erected in 1897 at a cost of over \$400,000, and is complete in every respect. The laboratory occupies the eastern half of the second floor, and part of the floor immediately above has this year been assigned to the department. It will next year occupy rooms as follows: A lecture-room, seating one hundred students, used also as a general laboratory; a seminar room with a department library, a workshop, a photographic and chemical room, an apparatus cabinet, an anthropometric laboratory, five rooms used as offices and laboratories by the officers of the department, and seven research laboratories. Two of these are dark-rooms, specially constructed to exclude sound as well as light, 18 feet high and well ventilated. The laboratory has light from the north and south, is supplied in all rooms with electric current of both high and low potential, and is in all respects equipped both for instruction and research.

The collection of apparatus has been gradually secured at a cost of over \$6,000. It includes: (1) Outfit for making and repairing apparatus, measuring instruments, and electric motors, etc. A skilled instrument-maker is continually employed, adding greatly to the efficiency of the laboratory. (2) The outfit of an anthropometric laboratory with which Freshmen in the college and others are annually tested. (3) The apparatus, preparations, charts, etc., needed for complete courses in experimental

and physiological psychology and in anthropology; and (4) the apparatus that has been used or is being used in special researches. A large part of the apparatus has been made especially for the laboratory. It includes five chronographs, one of high speed for measuring very short time, one of low speed for continuous records, and three run by electric motors, two electric chronoscopes with special improvements, a wheel chronoscope, a gravity chronoscope, and a pendulum chronoscope made for special researches, apparatus for studying the time, extent, and force of movement and the dynamogenic effects of sensations and emotions, phrygmographs, pneumographs, and planchettes, instruments for the study of the sense of time and the perception of space, an Ellis harmonium and Koenig acoustical apparatus, a spectro-photometer, special color-mixers, Auzoux's models, and many other instruments, models, preparations, charts, etc., used in the course of instruction and for research work. The outfit for the courses of instruction is now in large measure secured, and the annual appropriations can be used chiefly for apparatus needed in special researches.

The courses in the zoölogical sciences are given in the same building, and the building for instruction in physics is adjoining. The library and the rooms occupied by the department of philosophy are near by. The collections and apparatus in the departments of zoölogy, physics, and physiology, are unusually complete, and may be used by students of psychology and anthropology.

*American Museum of Natural History*—By arrangement with the authorities of the Museum, its extensive collections are now available for students of the University. The Professor of Anthropology is a curator of the Museum, and the work of the department is carried on in coöperation with that institution, certain of the courses being held in the Museum building. The ethnological collections, already large, are being constantly extended and afford exceptional facilities for research.

*Horace Mann School*—For students of Education there is afforded an exceptional opportunity for observation and practice in teaching. This is given in the school of observation and practice known as the Horace Mann School, which is maintained by Teachers College for this purpose. In this school every phase of school-work, including the high school as well as the kindergarten and the elementary school, is to be found in operation. In all these grades there are being worked out, from year to year, in the light of educational theory and of practical experience, the typical educational problems of the day, and the students in Education are made sharers with the Faculty of the College, both in the processes and in the results of these investigations. Opportunities for practice in teaching and supervision are afforded to qualified students.



## Degrees of Master of Arts and Doctor of Philosophy

All the courses offered by the Division, except Psychology **A** and Education **3**, may be counted as part of the work required for the degrees of Master of Arts and Doctor of Philosophy; but such of the courses as are open to the Seniors in Columbia College, may only be counted as part of the work required for a higher degree when additional work is taken in connection with them. A record of this additional work must be filed in the office of the Dean.

Candidates for the degrees of Master of Arts and Doctor of Philosophy must hold a bachelor's degree, or its equivalent from a European institution, and are required to select one major and two minor subjects, and to pursue the same in residence for a minimum period of one and two years, respectively. Ordinarily a somewhat longer time is required to obtain the degree of Doctor of Philosophy. This is always the case when the student is a graduate of a college that does not offer opportunities for a good preliminary training in philosophy and psychology. Students who have been in residence in another university will be given credit for the same, but a residence of at least one year at Columbia University is required of all candidates for its degrees.

This Division offers four subjects—Philosophy, Psychology, Anthropology, and Education—any one of which may be selected by a candidate as the major or as a minor subject for a university degree. In special cases Education may be selected as the major *and* one minor subject. The Division also offers one subject—Logic—which may be chosen as a minor subject only. The subject of the dissertation required of all candidates for the degree of Doctor of Philosophy, and that of the essay required of all candidates for the degree of Master of Arts, must lie in the field of the major subject. As a rule a major subject requires one-half of the student's entire time. A minor subject requires attendance on lectures for not less than two hours weekly.

Ability to read French and German is presumed in the case of all candidates for the higher degrees. Candidates for the degree of Doctor of Philosophy are formally examined in reading Latin, French, and German at sight; but the examination in Latin may be dispensed with when this language is not necessary for research in the candidate's major subject.

## University Fellowships

Eighteen University Fellowships, each of the annual value of \$650, are awarded by the University Council in April of each year. Applications for Fellowships must be made to the President of Columbia University, on blank forms provided for the purpose, not later than March 1. Full information regarding the rules governing Fellowships may be obtained by addressing the Secretary of the University.



## University Scholarships

Thirty University Scholarships and eight President's University Scholarships, each of the value of one hundred and fifty dollars a year, are awarded by the University Council in May of each year. University scholars are required to pay all of the fees established for matriculation, tuition, and graduation.

These Scholarships are open to all graduates of colleges and scientific schools whose course of study has been such as to entitle them to be enrolled at Columbia University as candidates for a higher degree.

Applications for Scholarships must be made to the President of Columbia University, on blank forms provided for the purpose. These applications must be received not later than May 1.

Full information regarding the rules governing Scholarships may be obtained by addressing the Secretary of the University.

## Students in Theological Seminaries

Students in the Union, General or Jewish Theological Seminaries in the City of New York, and in the Drew Theological Seminary at Madison, N. J., when properly certified by the authorities of those institutions, are admitted to pursue courses in this Division, and to become candidates for degrees without charge for matriculation or tuition.

## Committee on Aid to Students

A Standing Committee on Aid to Students has been established by the University Council. This Committee will render any possible assistance to students who desire teaching or other employment as a means of helping to defray their expenses while at the University. Applications for assistance from this Committee should be addressed to its Chairman or to the Secretary of the University.

## Appointment Committee

There is an Appointment Committee, instituted by authority of a resolution of the University Council, passed April 19, 1898, to recommend graduates of the college or University for teaching or other positions, and to assist competent graduates to obtain such positions. The Committee keep classified lists of those who wish employment, and will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible.

No fees are charged for any service rendered by the Committee.

Communications, either from graduates wishing positions or from those having appointments to make, should be addressed to the Chairman of the Appointment Committee, Room 201 Library, Columbia University, New York, N. Y.

## Fees

A matriculation fee of \$5 is charged when a student first enrolls in Columbia University.

The annual tuition fee of candidates for a degree is \$150, payable in two equal installments, with the proviso that the maximum fees for the degrees of Master of Arts and Doctor of Philosophy shall be, respectively, \$150 and \$300.

There is an annual gymnasium fee of \$7. This entitles the student to a locker and to the free use of the gymnasium and the baths, including all necessary laundry service.

Students who are not candidates for a degree pay a tuition fee at the rate of \$15 per annum for each hour of attendance a week on lectures or recitations, the maximum annual fee for such students being \$150.

Fees paid by students pursuing a partial course, who afterward qualify themselves as candidates for a higher degree, will be credited as part of the tuition fee required for students taking that degree.

The following fees are required to be paid before a student is admitted to examination for the degree named :

For the degree of Master of Arts, \$25 ; for the Degree of Doctor of Philosophy, \$35.

The fee for auditors is calculated at the rate of \$20 per annum for each hour of attendance a week on lectures or recitations, with a maximum fee of \$200.

## Publications

*The Educational Review*, *The Psychological Review*, *Science* and *The Journal of School Geography* are edited by instructors in the Division, and make provision for the prompt publication of important articles.

A series of *Contributions* on philosophical, psychological, and educational subjects is published under the editorship of the officers of the Division. These *Contributions* appear at irregular intervals and are to be obtained from The Macmillan Co., 66 Fifth Avenue, New York. The more important dissertations submitted by candidates for the degree of Doctor of Philosophy having their major subject in this Division may be included in this Series, if the writers so desire.

The following numbers of the *Contributions* have appeared :

### Volume I

1. *Friedrich Heinrich Jacobi : a Study in the Origins of German Realism*, by Norman Wilde, Ph.D. (May, 1894. Price, 60 cents.)
2. *Kant's Inaugural Dissertation of 1770*, including a Translation of the Dissertation, together with an Introduction and Discussion, by W. J. Eckoff, Ph.D. (June, 1894. Price, 90 cents.)

3. *The Ethical System of James Martineau*, by Joseph H. Hertz, Ph.D. (June, 1894. Price, 60 cents.)
4. *Friedrich Eduard Beneke: the Man and his Philosophy*, by Francis Burke Brandt, Ph.D. (May, 1895. Price, \$1.00.)

#### Volume 2

1. *Hegel as Educator*, by Frederic Ludlow Luqueer, Ph.D. (May, 1896. Price, \$1.00.)
2. *Hegel's Doctrine of the Will*, by John Angus MacVannel, Ph.D. (June, 1896. Price, \$1.00.)
3. *The Basis of Early Christian Theism*, by Lawrence T. Cole, Ph.D. (May, 1898. Price, 50 cents.)
4. *Early American Philosophers*, by Adam Leroy Jones, Ph.D. (May, 1898. Price, 75 cents.)

#### Volume 3

1. *The Formal and material Elements of Kant's Ethics*, by William Morrow Washington, Ph.D. (June, 1898. Price, 60 cents.)

#### Volume 4

[The issues contained in Volume 4 are also Monograph Supplements to the *Psychological Review*.]

1. *On Sensations from Pressure and Impact*, by Harold Griffing, Ph.D. (February, 1895. Price, 75 cents.)
2. *Mental Imagery*, by Wilfrid Lay, Ph.D. (May, 1898. Price, 50 cents.)
3. *Animal Intelligence*, by Edward L. Thorndike, Ph.D. (June, 1898. Price, \$1.00.)
4. *The Emotion of Joy*, by George V. N. Dearborn, Ph.D. (April, 1899. Price, 75 cents.)

#### Volume 5

[The issues contained in Volume 5 are also Monograph Supplements to the *Psychological Review*.]

1. *Conduct and the Weather*, by Edwin G. Dexter, Ph.D. (June, 1899. Price, \$1.00.)
2. *On After-images*, by Shepherd I. Franz, Ph.D. (June, 1899. Price, 75 cents.)
3. *Inhibition*, by Burtis B. Breese, Ph.D. (June, 1899. Price, 75 cents.)
4. *On the Accuracy of Voluntary Movement*, by Robert S. Woodworth, Ph.D. (July, 1899. Price, \$1.00.)

## Volume 6

- 1-4. *Educational Legislation and Administration in the Colonies*, by Elsie Worthington Clews. (October, 1899. Price, \$2.00.)

## Volume 7

1. *The Education of the Pueblo Child*, by Frank C. Spencer, Ph.D. (November, 1899. Price, 75 cents.)
2. *The Economic Aspect of Teachers' Salaries*, by Charles Bartlett Dyke, A.M. (October, 1899. Price, \$1.00.)
3. *Education in India*, by William I. Chamberlain, Ph.D. (November, 1899. Price, 75 cents.)

## New York Academy of Sciences

The Section of Anthropology and Psychology of the New York Academy of Sciences holds monthly sessions during the winter. Students in this Division may obtain admission to the meetings of this Section, and hear the various papers and discussions on anthropological and psychological subjects. The results of important research may be printed by the Academy.

## Consultation Hours

From September 26 to October 3, 1900, the several officers of the Division will be at the University, to confer with students, throughout the day. After October 3 the following hours for consultation are appointed:

Professor BOAS . . . . .	Tu. at 12.30, and Th. at 10.30, Room 405 Schermerhorn
Professor BUTLER . . . . .	M., Tu., W., and Th. at 2, Room 419 Library
Professor CATTELL . . . . .	Tu. and Th. at 2.30, Psychological Laboratory, Room 412 Schermerhorn
Dr. FARRAND . . . . .	M. and Th. at 11.30, Room 435 Schermerhorn
Professor HYSLOP . . . . .	Daily at 3, Room 416 Library
Dr. JONES . . . . .	M., W., and F. at 2.30, Tu. and Th. at 4.30, Room 416 Library
Dr. MARVIN . . . . .	M. and W. at 12.30, and Tu., Th., and Sat. at 2, Room 416 Library
Professor McMURRY . . . . .	
Professor MONROE . . . . .	
Professor RUSSELL . . . . .	
Mr. STRONG . . . . .	M. and F. at 11.30, Room 405 Schermerhorn
Dr. THORNDIKE . . . . .	
Mr. WISSLER . . . . .	M. and W. at 12.30, Room 412 Schermerhorn

## Degrees of Doctor of Philosophy Awarded

Since the organization of the departments constituting this Division, the degree of Doctor of Philosophy has been conferred upon the following persons whose major subject has been chosen from those offered by the Division:

### 1888

HENRY MARCUS LEIPZIGER . . . . *Philosophy, Ethics, and Psychology*

Title of Dissertation : The philosophy of the new education

College of the City of New York, A.B., 1873, and A.M. 1882; Columbia University, LL.B., 1875, and Ph.D., 1888; teacher in the New York public schools, 1873-80; director of the Hebrew Technical Institute, 1834-91; assistant superintendent of the New York public schools, 1891-; superintendent of free lectures to the people, 1890-; chairman of the Library committee, Aguilar Free Library, New York City, 1885-; member of the National Council of Education, 1894-95

Address : 324 East 50th St., New York

DANIEL FRANCIS LINEHAN . . . . *Philosophy, Greek, and Latin*

Title of Dissertation : A critical review of Kant's synthetic a priori judgments

St. Francis Xavier's College, A.B., 1886, and A.M., 1887; Columbia University, Ph.D., 1888; New York University, M.D., 1891; instructor in Latin Evening High School, New York, 1887-94; instructor in diseases of heart and lungs, Post-Graduate Hospital School, 1893-94; medical sanitary inspector, New York City, 1893-95

Address: 9 West 49th St., New York

JAMES BUCHANAN NIES . . . . *Philosophy, Ethics, and Psychology*

Title of dissertation : The independence of language and thought

Columbia College, A. B., 1882; Columbia University, A.M., 1887, and Ph.D., 1888; graduated from the General Theological Seminary, 1885; minister in charge of Holy Trinity Chapel, Harlem, New York City, 1885-86; Rector of St. John's Church, Tuckahoe, N. Y., and minister of St. John's Church, Upper New Rochelle, N. Y., 1886-87; minister in charge of Christ Chapel, Brooklyn, N. Y., 1887-93; rector of the Church of the Epiphany, Brooklyn, N. Y., 1893-97.

Address : Jerusalem, Palestine

### 1889

ALFRED POOLE GRINT . . . . *Philosophy, Ethics, and Psychology*

Title of Dissertation : The ethical movement in English philosophy

Trinity College, A.B., 1881, and A.M., 1884; General Theological Seminary, S.T. B., 1885; Columbia University, Ph.D., 1889; assistant minister, St. Mary's Church, Brooklyn, N. Y., 1885-88; rector St. John's Church, Warehouse Point, Conn., 1888-90; rector St. James's Church, New London, Conn., 1890-

Address : New London, Conn.

1891

DANIEL EDWARD LORENZ . . . *Philosophy, Psychology, and Ethics*

Title of Dissertation: The theology of Kant

Otterbein University, Ohio, A.B., 1884, and A.M., 1888; Columbia University, Ph.D., 1891; pastor of the Church of the Good Shepherd (Presbyterian), New York, 1888-

Address: 356 Western Boulevard, New York

1894

WILLIAM JULIUS ECKOFF. *Philosophy, Education, and Political Philosophy*

Title of Dissertation: Kant's inaugural dissertation of 1770

Graduate of the Lehrer-Seminar, Hamburg; New York University, Pd.D., 1891; Columbia University, Ph.D., 1894; private tutor and teacher in French and German schools in New York, Hoboken, and College Point, 1873-76; teacher of mathematics and vice-principal Deutsch-Amerikanische Real Schule, Newark, New Jersey, 1877-80; principal public school, New Jersey, 1881; president of the National College, Granada, Nicaragua, and superintendent of schools for the city and department, 1883; instructor in psychology and pedagogy, Jersey City High School, 1886-93; professor of philosophy and pedagogy, University of Colorado, 1893; professor of pedagogy, University of Illinois, 1894-95; principal of Herbrat Preparatory School, Suffern, N. Y., 1895-

Address: Suffern, N. Y.

HAROLD GRIFFING . . . *Psychology, Philosophy, and Biology*

Title of Dissertation: On sensations from pressure and impact

Columbia College, A.B., 1890; Columbia University, Ph.D., 1894; teacher in New York, 1894-97; New York Law School, LL.B., 1899; attorney-at-law, 1899

Died, January 29, 1900

JOSEPH HERMAN HERTZ . . . *Ethics, Philosophy, and Education*

Title of Dissertation: The ethical system of James Martineau

College of the City of New York, A.B., 1891; Columbia College, Ph.D., 1894; rabbi Jewish Theological Seminary, 1894; member of the Jewish Publication Society, Bible Revision Committee, 1896-

Address: Syracuse, N. Y.

NORMAN WILDE . . . *Philosophy, Ethics, and Latin*

Title of Dissertation: Friedrich Heinrich Jacobi: a study in the origins of German realism

Columbia College, A.B., 1889, and A.M., 1890; student in Berlin University, 1881-93; student in Harvard University, 1893-94; Columbia University, Ph.D., 1894; assistant in philosophy, Columbia University, 1894-98; instructor in philosophy, University of Minnesota, Minneapolis, Minn., 1898-

Address: University of Minnesota, Minneapolis, Minn.



## 1895

FRANCIS BURKE BRANDT . . . *Philosophy, Education, and Sociology*

Title of Dissertation : Friedrich Eduard Beneke, the man and his philosophy

Harvard College, A.B., 1892 ; Columbia University, Ph.D., 1895 ; instructor in mathematics and English, Columbia Grammar School, 1890-94 ; fellow in philosophy, Columbia University, 1894-95 ; instructor in Latin and English, Central High School, Philadelphia, 1895-96 ; professor of pedagogy, 1896-

Address : Central High School, Philadelphia, Pa.

## 1896

FREDERIC LUDLOW LUQUEER . . . *Education, Psychology, and Sociology*

Title of Dissertation : Hegel as educator

Columbia College, A.B., 1894 ; Columbia University, Ph.D., 1896 ; fellow in education, Columbia University, 1894-96 ; branch principal of public school No. 110 (1896-97), and principal of public school No. 22, Brooklyn, N. Y., 1897-

Address : 570 Bedford Ave., Brooklyn, N. Y.

## 1898

LAWRENCE THOMAS COLE . . . *Philosophy, Ethics, and Political Philosophy*

Title of Dissertation : The basis of early Christian Theism

University of Michigan, A.B., 1892, and A.M., 1896 ; General Theological Seminary, New York, B.D., 1895 ; Post-graduate scholar of the Church University Board of Regents, 1895-98 ; Columbia University, Ph.D., 1898 ; Archdeacon of Northern Indiana, 1899- ; warden of St. Stephens College, 1899-

Address : Annandale-on-Hudson, N. Y.

ADAM LEROY JONES . . . . . *Philosophy, Education, and Literature*

Title of Dissertation : Early American philosophers

Williams College, A.B., 1895 ; Columbia University, Ph.D., 1898 ; teacher in preparatory school, 1895-96 ; scholar in philosophy, Columbia University, 1896-97 ; fellow in philosophy, Columbia University, 1897-98 ; assistant in philosophy, Columbia University, 1898- ; member of the American Psychological Association

Address : 310 West 113th St., New York.

WILFRID LAY . . . . . *Psychology, Philosophy, and Latin*

Title of Dissertation : Mental imagery

Columbia College, A.B., 1893 ; Columbia University, Ph.D., 1898 ; fellow in philosophy in Columbia University, 1893-95, and scholar in psychology, 1895-96 ; student in the University of Bonn, 1898 ; teacher in Dr. Chapin's Preparatory School, New York, 1898-99 ; teacher of Latin and Greek in the Boys' High School, Borough of Manhattan 1899- ; contributor to the International Encyclopedia and International Year Book on topics of Philosophy, Psychology, and Education.

Address : 65 East 87th St., New York

JOHN ANGUS MACVANNEL . . . *Philosophy, Anthropology, and Sociology*

Title of Dissertation : Hegel's doctrine of the will

University of Toronto, A.B., 1893, and A.M., 1894 ; Columbia University, Ph.D., 1897 ; student Ontario Normal College, 1893-94 ; Syke scholar in philosophy, Cornell University, 1894-95 ; fellow in philosophy, Columbia University, 1895-96 ; assistant in

philosophy, Columbia University, 1896-98; instructor in psychology and education in Pratt Institute, Brooklyn, 1897-; lecturer on education, Brooklyn Institute of Arts and Sciences, 1898-; lecturer on English literature, Brooklyn Institute of Arts and Sciences, 1899-

Address: 9 Montague Terrace, Brooklyn, N. Y.

EDWARD LEE THORNDIKE . . . *Psychology, Philosophy, and Zoölogy*

Title of Dissertation: Animal intelligence

Wesleyan University, A.B., 1895; Harvard University, A.M., 1897; Ph.D., Columbia University, 1898; fellow in Columbia University, 1897-98; instructor in psychology and education in Western Reserve University, 1898-99; instructor in genetic psychology, Teachers College, Columbia University, 1899-

Address: Teachers College, Columbia University, New York

WILLIAM MORROW WASHINGTON . . . *Philosophy, Education, and Psychology*

Title of Dissertation: Formal and material elements of Kant's ethics.

Centre College of Kentucky, B.S., 1895; Columbia University, Ph.D., 1898; scholar in philosophy, Columbia University, 1896-98; pastor in charge of Calvary Church, Ashland, Ky., 1898-

Address: Ashland, Ky.

## 1899

BURTIS BURR BREESE . . . . . *Psychology and Education*

Title of Dissertation: On inhibition

Kansas University, A.B., 1896; Harvard University, A.B., 1897, and A.M., 1898, Columbia University, Ph.D., 1899; principal of public schools, Halstead, Kansas, 1891-93; assistant in psychology, Harvard University, 1897-98; fellow in education, Teachers College, Columbia University, 1898-99; private teacher, Irvington, N. Y., 1899-

Address: 235 West 120th St., New York

WILLIAM ISAAC CHAMBERLAIN . . . . . *Education and Philosophy*

Title of Dissertation: Education in India

Rutgers College, A.B., 1882, and A.M., 1886; scholar in Teachers College, Columbia University, 1898-99; president of Vellore College, India, 1899-

Address: Vellore, India

ELSIE WORTHINGTON CLEWS . . . . . *Education, Philosophy, and Sociology*

Title of Dissertation: The educational legislation and administration of the colonial governments

Columbia College, A.B., 1896; Columbia University, A.M., 1897, and Ph.D., 1899; teacher of mediæval history in the Horace Mann School, New York, 1898-99; inspector of schools, New York City, 1899-

Address: 9 West 34th St., New York

GEORGE VAN NESS DEARBORN . . . *Psychology, Education, and Anthropology*

Title of Dissertation: The emotion of joy

Dartmouth College, B.L., 1890; Columbia University, M.D., 1893; Harvard University, A.M., 1896; Columbia University, Ph.D., 1899; assistant in philosophy, Harvard University, 1896-97; university scholar, Harvard University, 1897-98; scholar in psychology, Columbia University, 1898-99; assistant in physiology, Harvard University, 1899-

Address: Nashua, N. H.

EDWIN GRANT DEXTER . . . *Education, Philosophy, and Psychology*

Title of Dissertation : Conduct and the weather ; an inductive study of the mental effects of definite meteorological conditions

Brown University, R.I., B. P., 1891, and A.M., 1892 ; Columbia University, Ph.D., 1899 ; instructor in mechanical drawing, Brown University, 1891-92 ; science master, Colorado Springs High School, Colorado Springs, Colo., 1892-95 ; director of the Colorado Summer School, summers of 1893 and 1894 ; president of the child study section of the Colorado State Teachers' Association, 1896-97 ; member of the Colorado State Educational Council ; professor of psychology, Colorado State Normal School, 1895-1900 ; professor of pedagogy, The University of Illinois, Champaign, Ill., 1900-

Address : University of Illinois, Champaign, Ill.

SHEPHERD IVORY FRANZ . . . *Psychology, Education, and Anthropology*

Title of Dissertation : On after-images

Columbia College, A.B., 1894 ; Columbia University, Ph.D., 1899 ; student in University of Leipzig, 1896 ; fellow in psychology, Columbia University, 1895-97 ; assistant in psychology, Columbia University, 1897-99 ; assistant in physiology, Harvard University Medical School, 1899- ; member of the American Psychological Association

Address : Medical School of Harvard University, Boston, Mass.

GEORGE BALTHASAR GERMANN . . . *Education and Psychology*

Title of Dissertation : National legislation concerning education ; its influence and effect in the public land States east of the Mississippi River admitted prior to 1820

Columbia College, A.B., 1895 ; Columbia University, Ph.D., 1899 ; graduate of the New Paltz (N. Y.) State Normal School, 1889 ; teacher in public schools, Brooklyn, N. Y., 1889-91 ; graduate of the New York University School of Pedagogy, 1894 ; assistant in mathematics, Columbia University, 1895-98 ; fellow in education, Columbia University, 1898-99 ; assistant in philosophy and education, Columbia University, 1899- ; member of the American Mathematical Society and of the National Educational Association

Address : Columbia University, New York

FRANK CLARENCE SPENCER . . . *Education, Anthropology, and Psychology*

Title of Dissertation : Education of the Pueblo child ; a study of arrested development

Ohio Normal University, C.E., 1889 ; Colorado State Normal School, 1891 ; University of Colorado, B.S., 1894 ; Columbia University, Ph.D., 1899 ; principal, Carbondale, Colo., public schools, 1891-92 ; instructor in mathematics and English, Colorado State Preparatory School, 1893-94 ; superintendent Monte Vista, Colo., public schools, 1894-97 ; instructor in mathematics, Colorado State Preparatory School, 1897-98 ; fellow in psychology, Clark University, 1899-

Address : 4 Benefit Terrace, Worcester, Mass.

ROBERT SESSIONS WOODWORTH . . . *Psychology, Philosophy, and Education*

Title of Dissertation : The accuracy of voluntary movement

Amherst College, A.B., 1891 ; Harvard University, A.B., 1896, and A.M., 1897 ; Columbia University, Ph.D., 1899 ; assistant principal, Watertown (N. Y.) High School, 1891-93 ; instructor in mathematics, Washburn College, Topeka, Kan., 1893-95 ; assistant in physiology, Harvard Medical School, 1897-98 ; instructor in physiology, University and Bellevue Hospital Medical College, 1899-

Address : 338 East 26th St., New York

## ACADEMIC CALENDAR

- 1900—June 10—Sunday. Baccalaureate Sermon  
 June 11—Monday. Class Day  
 June 13—Wednesday. Commencement Day  
 July 5—Thursday. Summer Session opens  
 Aug. 10—Friday. Summer Session closes  
 Oct. 1—Monday. First half-year, 147th year, begins  
 Oct. 15—Monday. Last day of registration to obtain credit for residence for the full academic year  
 Nov. 6—Tuesday. Election Day, holiday  
 Nov. 29—Thursday. Thanksgiving Day, holiday  
 Nov. 30—Friday. Holiday  
 Dec. 1—Saturday. Holiday  
 Dec. 22—Friday. Christmas holidays begin  
 1901—Jan. 2—Tuesday. Christmas holidays end  
 Jan. 3—Wednesday. Exercises of the University resumed  
 Jan. 28—Monday. Mid-year examinations begin  
 Feb. 9—Saturday. First half-year ends  
 Feb. 12—Tuesday. Lincoln's Birthday, holiday  
 Feb. 13—Tuesday. Second half-year begins  
 Feb. 20—Ash-Wednesday. Holiday  
 Feb. 22—Friday. Washington's Birthday, holiday  
 Mar. 1—Friday. Last day for filing applications for University Fellowships  
 April 2—Tuesday. Last day for filing applications for examination for higher degrees.  
 April 5—Good-Friday. Holiday  
 May 1—Wednesday. Last day for presentation of essays for the degree of Master of Arts, and for filing applications for scholarships  
 May 20—Monday. Final examinations begin  
 May 30—Thursday. Memorial Day, holiday  
 June 9—Sunday. Baccalaureate Sermon  
 June 10—Monday. Class Day  
 June 12—Wednesday. Commencement Day  
 Oct. 7—Monday. First half-year, 148th year, begins

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9½-10½		Anthropology 2 S, 407 Psychology 3 Ps L	Anthropology 4 Am M	Anthropology 2 S, 407 Psychology 3 Ps L		
10½-11½	Psychology 8 S, 405	Philosophy 13 L, 410 Psychology 2 S, 407 Psychology 14 S, 406 Anthropology 5 S, 405	Anthropology 4 Am M Psychology 6 S, 407 Psychology 8 S, 405	Philosophy 13 L, 410 Psychology 2 S, 407 Psychology 14 S, 405	Psychology 6 S, 407 Psychology 8 S, 405	
11½-12½	Philosophy 2 L, 406 Philosophy 8 L, 417	Psychology 1 S, 407 Anthropology 5 S, 405	Philosophy 2 L, 406 Philosophy 8 L, 417	Psychology 1 S, 407	Philosophy 2 L, 406	
12½-1½	Philosophy 8 L, 418 Anthropology 3 S, 407	Psychology 4 S, 407	Philosophy 8 L, 418 Anthropology 3 S, 407	Psychology 4 S, 407	Psychology 9 S, 407	
1½-2½	Philosophy 9 L, 418 Philosophy 14 L, 417	Anthropology 1 S, 407 Philosophy 11 L, 417	Philosophy 9 L, 418 Philosophy 14 L, 417	Anthropology 1 S, 407 Psychology 11 T C Philosophy 11 L, 417	Philosophy 9 L, 418	
2½-3½	Philosophy 1 L, 422	Philosophy 12 L, 415 Psychology 3 Ps L	Philosophy 1 L, 422	Philosophy 12 L, 415 Psychology 3 Ps L Psychology 11 T C	Philosophy 1 L, 422	
3½-4½	Education 2 S, 407 Philosophy 5 L, 417	Philosophy 13 L, 417 Psychology 3 Ps L	Education 2 S, 407 Philosophy 5 L, 417	Philosophy 13 L, 417 Psychology 3 Ps L	Education 2 S, 407 Philosophy 5 L, 417	
4½-5½				Psychology 7 [4-5] P & S		

Abbreviations: Am M=American Museum of Natural History. L=Library. S=Schermerhorn. P & S=College of Physicians and Surgeons. Ps L=Psychological Laboratory. T C=Teachers College.

Hours to be arranged for:  
 Philosophy 10 (Journal Club) and Seminar in Philosophy  
 Psychology 5, 13, and 15, and Anthropology 5. The research work of these courses is in progress  
 daily from 8.30 to 6  
 Journal Club in Education  
 Not given in 1900-1:  
 Philosophy 3, 4, and 6





c  
72uZpl  
1906/08  
Sixth Series, No. 9



March 17, 1906  
Columbia University  
Bulletin of Information

THE LIBRARY OF THE  
MAY 19 1923  
UNIVERSITY OF ILLINOIS

DIVISION OF  
PHILOSOPHY, PSYCHOLOGY AND  
ANTHROPOLOGY

ANNOUNCEMENT  
1906—1908

Published by  
Columbia University  
in the City of New York  
Morningside Heights  
New York, N. Y.

**Columbia University**  
**Bulletin of Information**

---

(Issued 25 times during the Academic year, monthly in November and December, and weekly between February and June. Entered as second-class matter at the New York, N. Y., Post Office, Dec. 22, 1900, under Act of July 6, 1894.)

---

These include:

1. Annual Reports of the President and the Treasurer to the Trustees.
2. The Catalogue of the University, issued in December, price 25 cents.
3. The Announcements of the several Colleges, Schools and Divisions, issued in the Spring and relating to the work of the next year. These are made as accurate as possible, but the right is reserved to make changes in detail as circumstances require. The current number of any of these Announcements will be sent without charge upon application to the Secretary of the University.

MAY 19 1923

## Officers of the Division

COMPRISING THE UNIVERSITY OF ILLINOIS  
DEPARTMENTS OF PHILOSOPHY, PSYCHOLOGY, AND ANTHROPOLOGY

NICHOLAS MURRAY BUTLER, Ph.D., LL.D. Litt D. (Oxon)

*Professor of Philosophy and Education*

*President of Columbia University*

MOSES ALLEN STARR, M.D., Ph.D., LL.D. . *Professor of Nervous Diseases*

JAMES McKEEN CATTELL, Ph.D., . . . *Professor of Psychology*

FRANZ BOAS, Ph.D., . . . . *Professor of Anthropology*  
*Chairman of the Division*

HERBERT GARDINER LORD, A.M., . . . *Professor of Philosophy*

LIVINGSTON FARRAND, A.M., M.D., . *Professor of Anthropology*

EDWARD LEE THORNDIKE, Ph.D., *Professor of Educational Psychology*  
*in Teachers College*

FREDERICK J. E. WOODBRIDGE, A.M., LL.D., *Johnsonian Professor of Philosophy*

FELIX ADLER, Ph.D., . *Professor of Political and Social Ethics*

CHARLES AUGUSTUS STRONG, A.B., . . *Professor of Psychology*

MARSHALL HOWARD SAVILLE, . *Loubat Professor of American Archaeology*

GEORGE STUART FULLERTON, Ph.D., LL.D., *Professor of Philosophy*

JOHN ANGUS MACVANNEL, Ph.D., *Professor of the Philosophy of Education in Teachers College*

JOHN DEWEY, Ph.D., LL.D., *Professor of Philosophy*

ROBERT SESSIONS WOODWORTH, Ph.D., *Adjunct Professor of Psychology*  
*Secretary of the Division*

WILLIAM PEPPERRELL MONTAGUE, Ph.D.,	<i>Instructor in Philosophy</i>
NAOMI NORSWORTHY, Ph.D.,	<i>Instructor in Educational Psychology in Teachers College</i>
KATE GORDON, Ph.D.,	<i>Instructor in Educational Psychology in Teachers College</i>
WALTER BOUGHTON PITKIN, A.B.,	<i>Tutor in Philosophy</i>
DICKINSON SERGEANT MILLER, Ph. D.,	<i>Lecturer in Philosophy</i>
CLARK WISSLER, Ph.D., . . .	<i>Lecturer in Anthropology</i>
VIVIAN ALLEN CHARLES HENMON, Ph.D., .	<i>Lecturer in Psychology</i>
BERTHOLD LAUFER, Ph.D., . . .	<i>Lecturer in Anthropology</i>
ADOLPH FRANCIS BANDELIER . . .	<i>Lecturer in Anthropology</i>
WENDELL T. BUSH, Ph.D., . . .	<i>Lecturer in Philosophy</i>
GUY ALLAN TAWNEY, Ph.D., . . .	<i>Lecturer in Philosophy</i>
DAVID FERDINAND SWENSON, B.S., . .	<i>Assistant in Philosophy</i>
FRANCIS MARION HAMILTON, A.M., . .	<i>Assistant in Psychology</i>
MARY THEODORA WHITLEY, B.S., . .	<i>Assistant in Educational Psychology in Teachers College</i>
STEVENSON SMITH, B.S., . . .	<i>Assistant in Psychology</i>
ROWLAND HAYNES, A.M., . . .	<i>Assistant in Philosophy</i>
. . .	<i>Assistant in Anthropology</i>
FRANK THILLY, Ph.D., . .	<i>Professor of Philosophy in the Summer School</i>
EDWIN ASBURY KIRKPATRICK, Ph.M.	<i>Professor of Genetic Psychology in the Summer School</i>
FRANK G. BRUNER, A.B.,	<i>Assistant in Psychology in the Summer School</i>

### Preliminary Statement

Philosophy A is required in the sophomore or junior year. It should be elected in the sophomore year by students wishing to follow other courses in philosophy or psychology.

Courses numbered from 1 to 100 inclusive are primarily for undergraduates. These courses count one point toward the degree of A.B. or B.S. for each hour of work through one-half year, except that two hours of laboratory work in psychology count as one point.

Courses numbered from 101-200 inclusive are for graduates and specially prepared undergraduates. Courses above 200 are for graduate students. The seminars and research courses are for students who are able to do independent work, and can only be taken with the consent of the instructor. Students desiring to take the advanced courses should in every case consult the instructors in charge.

Odd numbers indicate the first, even numbers the second half-year. A course designated thus, 1-2, 21-22, etc., runs through both half years. All courses in philosophy, psychology and anthropology, except psychology 251-252 and anthropology 105-106, are open to women.

Since the Announcement is issued only at intervals of two years, while changes in the teaching staff and in the courses are to be expected year by year, those interested in the work to be offered in 1907-08 will do well to consult the Secretary of the University for later information.

### Courses in Philosophy

**A1-A2—Principles of science.** Professors WOODBRIDGE and LORD,  
Dr. MONTAGUE, Dr. MILLER and Mr. PITKIN

Columbia College, M., W., and F. at 11.10, Room 413, Library

Barnard College, three sections. M., W., and F. at 9.10, at 10.10,  
and 1.10

A course of lectures and recitations on the history of philosophical and scientific concepts and on the principles of scientific method. Students are expected to meet instructors of the department at stated intervals for reports on the lectures and on assigned work.

In Barnard College the subject-matter of this course will be: in the first half-year, introductory psychology; in the second half-year, introductory logic and scientific method.

**21-22—Ethics**

Columbia College, Professor DEWEY, M., W., and F. at 11.10, Room 415 Library.

Barnard College, Professor LORD, M., W., and F. at 1.10

This course aims to give a careful and systematic analysis of elementary conceptions in ethics, with an examination of the fundamental doctrines of this branch of philosophy. It deals with theoretical problems, but upon a historical and social basis and with special reference to contemporary questions.

**101-102—Metaphysics.** Dr. MILLER. Tu. and Th. at 10.10, Room 505, Schermerhorn

A study of the essential features of the real world, the sense or manner in which they are real, and their relation to each other; as thought, matter, space, time, law, cause, purpose in nature, good, beauty, deity. The lectures will also consider the relation of analysis in general to living reality, and the element in reality that is beyond analysis.

[103-104—Types of logical theory—2 hours. Mr. PITKIN,  
*Not given in 1906-07*]

[121-122—Psychological ethics—2 hours. Professor DEWEY,  
*Not given in 1906-07*]

**123-124—Advanced ethics.** Dr. MONTAGUE  
*Not given in 1906-07*]

**126—Ethics.** Professor ADLER  
W. and F. at 4.10, Room 415, Library

Subject; Political ethics with special relation to the problems of American democracy.

**127-128—Ethical ideals of the nineteenth century.** Dr. MILLER  
M., W., and F. at 3.10, Room 406, Library

This course, which is open to seniors and graduate students, deals with the writings of Mill, Carlyle, Emerson, Matthew Arnold, and, to a small extent, Browning. The aim is to make clear their several ideals of life and by discussion of these to reach a more complete view.



141-142—Principles and problems of esthetics. Mr. PITKIN  
Columbia College, M., W., and F. at 2.10, second half-year, Room  
418, Library.

Barnard College, M., W., and F. at 3.10, first half-year.

This course includes a study of the distinguishing peculiarities of beautiful objects; the psychological nature of the tragic, sublime, humorous, etc.; and the relations of esthetic pleasure to practical life and to philosophical theory.

161-162—The history of philosophy. Dr. MONTAGUE  
Columbia College, M., W., and F. at 2.10, Room 413, Library  
Barnard College, M., W., and F. at 9.10

This course traces the development of philosophy from the earliest Greek period to the present time. Especial attention is paid to the problems which this development have raised, indicating how far solutions have been reached, correlating the solutions with one another and the civilizations under which they have arisen, and presenting the permanent gains for philosophy. The lectures will be supplemented by private reading and study of selections from the writings of the leading philosophers of the various periods. The third hour each week will be devoted to the critical examination of some systematic introduction to philosophy. This course serves as a general introduction to the study of philosophy.

[163-164—The philosophy of Descartes, Spinoza and Leibniz. Dr.  
MILLER  
*Not given in 1906-07*]

[165-166—British philosophy from Locke to Herbert Spencer. Dr.  
MONTAGUE  
*Not given in 1906-07*]

167-168—The philosophy of Kant. Dr. MONTAGUE  
M. and W. at 4.10, Room 405, Library

This course takes up (1) Kant's relation to the British and to the Continental philosophy of the eighteenth century; (2) the Critique of Pure Reason (Max Muller's translation); and (3) the Critique of Practical Reason (Abbott's Kant's Ethics). Emphasis will be laid upon Kant's system as a turning-point in the history of thought.

Prerequisite, Philosophy 161-162.

170—The philosophy of Plato. Dr. BUSH  
Tu. and Th. at 11.10, Room 405, Library

The more important dialogues of Plato will be read in translation with the purpose of exhibiting the essential points in his philosophy. The course should be of service to those intending to take the seminar in Aristotle.

Prerequisite, Philosophy 161-162.

171-172—Modern philosophy  
[Hours to be arranged.]

A course on a selected group of modern philosophers, to be given by the lecturer appointed during Professor Fullerton's absence.

181-182—Practicum—Philosophy of education. Lectures, reports, and discussions. Professor MACVANNEL, in co-operation with President BUTLER

M. and F. at 10.10, Teachers' College

The purpose of this course is the somewhat detailed examination of the fundamental principles—philosophical, historical and psychological—which underlie a scientific theory of education, considered as a human institution. The process and the problems of education are examined from the standpoint of the history of civilization and the doctrine of evolution, and an attempt is made to formulate a philosophical basis for educational doctrine and practice.

Philosophy 161-162 is a desirable parallel course. (Same as Education 205-6).

203-204—Logic and metaphysics. Professor WOODBRIDGE  
W., 9.10 to 11, Room 406, Library

This course consists of lectures on the relation of the theory of knowledge to the theory of reality, and on the metaphysical significance of ultimate concepts. The lectures will be supplemented by individual reports on the definition of the concepts discussed.

Prerequisites, Philosophy 161-162 and 165-166 or 167-168.

[205-206—The philosophy of realism. Dr. MONTAGUE  
*Not given in 1906-07*]

207-208—Advanced logic. Professor DEWEY  
Tu. and Th. at 9.10, Room 415, Library

Consideration of contemporary logical problems based upon the writings of the empirical school. Mill's and Venn's logics will receive special attention.

Prerequisites, Philosophy 162 and at least one year's graduate work.

209-210—Types of epistemological theory  
F. at 3.10, Room 306, Library

Certain typical forms of doctrine touching the mind's knowledge of the world will be studied and contrasted. The student will be expected to do some independent work.

To be given by the lecturer appointed during Professor Fullerton's absence.

211-212—Research work in philosophy. Professor DEWEY

This course consists of work on theses undertaken under the direction of the instructor.

213-214—Research work in philosophy. Professor WOODBRIDGE

Consultation, at hours to be arranged, on theses undertaken under the direction of the instructor

[221-222—Logic of ethics. Professor DEWEY

*Not given in 1906-07]*

[223-224—Seminar in ethics. Dr. MONTAGUE

*Not given in 1906-07]*

225-226—Seminar in ethics. Professor ADLER

Tu. at 4.10, Room 306, Library

Subject for the year: reading of Kant's 'Metaphysics of Ethics' and 'Critique of Practical Reason' and Fichte's 'Science of Ethics' with special view to a discussion of the methods of ethics.

265-266—Research work in the history of philosophy. Professor WOODBRIDGE

F., 9.10 to 11, Room 306, Library

The subject varies from year to year. For 1906-07 it will be Aristotle.

Open only to candidates for the degree of doctor of philosophy who have a reading knowledge of Greek and Latin

281-282—Seminar. Professor MACVANNEL

[Hours to be arranged]

The seminar is for research work in the field of philosophy and education, and is open only to candidates for the degree of Ph.D. (unless candidates for the degree of A.M. are admitted by special permission) whose major subject lies in the field of philosophy or education. (Same as Education 305-6)

*Philosophy of Religion (at the Union Theological Seminary)*

A—Philosophy of religion; the philosophical foundation. 2 hours, first half-year. Professor KNOX

B—Theism. 2 hours, second half-year. Professor KNOX

C—Survey of the ethnic faiths. 2 hours, first half-year. Professor KNOX

F—Introduction to the study of the philosophy of religion. 2 hours. Professor KNOX

Apologetics B and D may also be counted as courses in the philosophy of religion.

*Philosophy of Religion (at the General Theological Seminary)*

A—Psychology of religion. 2 hours, second half-year. Professor HAYES

B—Christian theism. 4 hours, first half-year. Professor HAYES

C—Studies in the philosophy of religion. 2 hours, first half-year. Professor HAYES

G—Studies in the ethnic religions. 2 hours, second half-year. Professor HAYES

*Ethics (at the Union Theological Seminary)*

- A and B—Christian ethics. 2 hours. Professor THOMAS C. HALL  
 C—Special introduction to ethics. 2 hours, first half-year. Professor THOMAS C. HALL  
 E—History of ethical thought. 2 hours. Professor THOMAS C. HALL  
 G—Christian casuistry. 1 hour. Professor THOMAS C. HALL  
 H—Study of modern ethics. 2 hours. Professor THOMAS C. HALL  
 J—The field of ethical inquiry. 2 hours, first half-year. Professor THOMAS C. HALL

*Ethics (at the General Theological Seminary)*

- A—Ethical development in the Old Testament with a comparative view of ethnic codes. 2 hours, second half-year. Mr HUNT  
 B—The ethics of the New Testament. 2 hours, first half-year. Mr. HUNT  
 C—Christian ethics in relation to modern social problems. 2 hours, second half-year. Mr. HUNT

*Summer Session*

- s 1—Logic. Two points. Dr. MONTAGUE  
 s161—The history of philosophy. Two points. Dr. MONTAGUE  
 s203—The fundamental problems of philosophy. Two points. Professor THILLY  
 s204—Logic and metaphysics. Two points. Professor THILLY

**Courses in Psychology**

1-2—Elements of general psychology. Discussions, practical exercises, and recitations. Professor LORD

In order that the classes may be small this course will be given in sections.

1. M., W., and F. at 9.10, Room 418, Library
2. Tu., Th., and S. at 9.10, Room 418, Library

First half-year: General outline of the subject. Angell's *Psychology*. Second half-year: More intensive study of certain selected topics. Stout's *Manual and Groundwork*; James's *Principles*

3-4—Experimental psychology, introductory course. Lectures, recitations, and laboratory work—3 lectures and 4 hours laboratory work. Professor WOODWORTH, assisted by Mr. SMITH

M., W., and F. at 9.10; laboratory work, M. and W., or Tu. and Th., 2.10-4, Psychological Laboratory, Schermerhorn

This is an introduction to psychology, with emphasis on those parts of the subject in which the experimental method is most successfully applied; that is, on such topics as the senses, feeling, voluntary and involuntary movement, perception and illusion, memory and association, speed of mental processes, practice, economy in mental work, mental differences between individuals, application of psychological experiment to the settlement of practical questions. Experimental studies of these topics are made by the students in the laboratory.

It is recommended that those who elect this course should also take or have taken Psychology 1-2, or some other general introduction to psychology.

7-8—Experimental psychology, introductory course. Lectures, recitations, and laboratory work—2 lectures and 4 hours laboratory work. Dr. HENMON

Tu. and Th., 1.10 to 4. Barnard College

The scope of this course is essentially the same as that of course 3-4.

21-22—(Same as Education 21-22)—Child study. Observation, experiment, private reading, and conferences. Dr. NORSWORTHY

Tu. and Th. at 4.10. Teachers College

This course is designed to present the facts, so far as they have been scientifically determined, concerning the nature and development of the mind during childhood and adolescence, with special reference to the meaning of these facts to the teacher.

[101-102—Introduction to psychology—Lectures, themes, and demonstrations

Tu. and Th. at 11.10, Psychological Laboratory, Schermerhorn

*Not given in 1906-07]*

The object of this course, which is open to those who take or have taken a course in psychology, is to give a summary view of the subject-matter and methods of modern psychology. The ground covered is as follows:

A. History of psychology. Six lectures. Professor Woodbridge.

B. Physiological psychology. Eight lectures. Professor Woodworth.

C. Experimental psychology. Eight lectures. Professor Cattell.

D. Genetic psychology. Eight lectures. Professor Thorndike.

E. Comparative psychology. Six lectures. Professor Farrand

F. Psychological esthetics. Four lectures. Mr. Pitkin.

G. Psychological ethics. Three lectures. Professor Adler.

H. Pathological psychology. Three lectures. Professor Starr.

I. Analytic psychology. Four lectures. Dr. Montague.

J. Social psychology. Four lectures. Professor Dewey.

K. Philosophy of mind. Six lectures. Professor Strong.



111-112—Experimental psychology. Advanced course—Lectures, themes, discussions, and demonstrations. Professor CATTELL  
Tu. and Th. at 10.10, Psychological Laboratory, Schermerhorn

The subject of this course, which is open to students who have taken Psychology 3-4 or another course in psychology and are trained in laboratory work in some science, is altered each year. A special department of psychology (as the higher mental processes or individual differences), a special method of approach (as mental measurement or laboratory methods), or a special treatment (as that of James or Wundt), will be reviewed. It is expected that the subject in 1906-07 will be the senses.

113-114—Experimental psychology—Laboratory work in connection with Psychology 111-112—2 to 8 hours, counting as 1 to 4 hours. Professor CATTELL and Mr. HAMILTON

M., Tu., W., and Th., 2.10-4, Psychological Laboratory, Schermerhorn

This course is intended to give students attending Course 111-112 opportunities for laboratory work, and should, when possible, be taken in conjunction with it. Each student is expected to take up a special problem, verifying work done by others and proceeding to independent investigation. Students of psychology electing the course on the statistical study of variation (Anthropology 121) may elect this course.

121-122—Genetic psychology. Advanced course. Professor THORNDIKE  
M. and W. at 11.10, Teachers College

A systematic course treating of mental development and the psychological basis of educational theory, followed by a topical survey of the recent literature of educational psychology.

[131-132—Physiological psychology—Lectures, themes, and demonstrations. Professor WOODWORTH

M., W., and F. at 10.10, 407 S.

*Not given in 1906-07]*

In this course, for which some knowledge of psychology and of experimental work in psychology or allied sciences, is prerequisite, the structure and functions of the nervous system are considered, in so far as they throw light on psychology. Some of the topics treated are the evolution of the nervous system and of instinct and intelligence; the functions of the brain and spinal cord in man and the higher animals; the relation between mental activities and such bodily processes as respiration and circulation; physiology of the senses and of movement; fatigue and inhibition.

133-134—Laboratory course in physiological psychology—a companion course to numbers 131-132—2-8 hours. Professor WOODWORTH and Mr. SMITH

M., Tu., W., and Th. at 2.10-4, Psychological Laboratory, Schermerhorn

Opportunity will be offered for studying the anatomy of the nervous system and for conducting physiological and psychological experiments bearing on the topics of the course.



135-136—Pathological psychology—Lectures, themes and demonstrations. Professor WOODWORTH

M., W., and F. at 10.10, 407 S.

The principal types of mental derangement, and such minor abnormalities as hypnosis, obsessions, and morbid impulses and emotions, are studied from a psychological point of view.

Courses 131-132 and 135-136 are given in alternate years.

137-138—Laboratory and observational work in pathological psychology—2-8 hours. Professor WOODWORTH and Mr. SMITH

Qualified students are afforded an opportunity of becoming acquainted with mental abnormalities, as seen in clinics, hospitals and asylums, and of making careful observations on selected cases.

161-162—Analytic psychology—Lectures, discussions, and private reading. Professor STRONG

S., 10.10-12, Psychological Laboratory, Schermerhorn

This course considers the principal questions of psychological theory from the standpoint of introspective analysis, but with due regard to physiological and pathological facts. Passages from James's *Principles of Psychology* and Stout's *Analytic Psychology* are expounded and criticised. The subjects treated include: Methods of explanation in psychology; the relation of consciousness to its objects; the psychology of space and time; the nature of attention, belief, emotion, will.

[163-164—Philosophy of mind—Lectures, discussions, and private reading. Professor STRONG

*Not given in 1906-07]*

171-172—Social psychology. Professor DEWEY

Tu. and Th. at 11.10, Room 407, Schermerhorn

An analysis of the various types of social psychology with their methods, and an application of results reached to discussion of certain selected social institutions and ideals.

221-222—The application of psychological and statistical methods to education. Professor THORNDIKE

W., 4.10-6, Teachers College

This course prepares students to investigate such problems in psychology and education as involve accurate treatment. Those beginning research work in psychology are recommended to follow the first part of this course, which treats subjects such as methods of measurement and the treatment of statistics.

[231-232—Special psychology—Lectures, reports, and demonstrations. Professor WOODWORTH

M. and W. at 11.10

*Not given in 1906-07]*

Some chapter in experimental psychology is treated as fully as possible, with reading and criticism of the original sources. The subject is changed from year to year. Probable subjects for the future are vision, hearing, movement, psychophysics, economy of mental work, etc. The selection of a topic for any year may be influenced by the wants of prospective students.

233-234—Research in physiological and pathological psychology. Professor WOODWORTH and Mr. SMITH

[Hours to be arranged]

This course is intended for advanced students, candidates for the higher degrees. Original investigations are undertaken in consultation with the instructors.

[241-242—Mental intensity and time—Lectures, essays and readings—2 hours. Dr. HENMON

Tu. and Th. at 9.10, 407 S.

*Not given in 1906-07]*

251-252—(Same as Neurology 1-2) Diseases of the mind and nervous system—Lectures and demonstrations. Four months. Professor STARR

W., at 4-5, College of Physicians and Surgeons

This course extends through two years. One year is devoted to the study of the diseases of the spinal cord and functional nervous diseases. This part of the course is of interest chiefly to students of medicine. In the year 1905-06 diseases of the brain and insanity are treated. This part of the course is preceded by some general lectures on the structure and functions of the brain; on localization; on the physical basis of thought; on aphasia; and on mental symptoms in disease. The lectures on insanity emphasize the contrast between normal and abnormal mental action.

261-262—Research work in analytic psychology and the philosophy of mind—Consultations. Professor STRONG

[Hours to be arranged.] Psychological Laboratory, Schermerhorn

This course is intended for advanced students who are candidates for the higher degrees. Original investigations are undertaken under the direction of the instructor.

281-282—Problems in experimental psychology—Lectures and reports. Professor CATTELL

Tu. and Th. at 1.10, Psychological Laboratory, Schermerhorn

The subject of this course is altered each year, it being based on researches carried on in the laboratory. The methods are those of the seminar. Students are expected to carry out original research, and to report on their work and on the literature of the subject.

283-284—Research work in experimental psychology. Professor CATTELL, assisted by Mr. HAMILTON and Mr. SMITH

Daily, Psychological Laboratory, Schermerhorn

Students looking forward to the degree of Doctor of Philosophy, and scientific men, are given in this course opportunity for psychological research in any direction. The laboratory has been specially arranged and the apparatus secured for such research, and any additional or new apparatus required for special investigation will be at once secured. Students are referred to the description of the laboratory and its equipment.

321-322—Seminar. Genetic and comparative psychology. Professor THORNDIKE  
[Hours to be arranged]

In this course an opportunity is afforded for original study of mental development in the race and in the individual, and for the scientific investigation of those topics in educational theory and practice which lend themselves to treatment by the methods of psychological research.

401-402—Colloquium in psychology. Professors CATTELL, THORNDIKE and WOODWORTH  
Th., 4-6, 406 Schermerhorn

This course is for the discussion of research work, especially work in progress at this university. Students engaged in research work are admitted on the invitation of the instructors.

### *Summer Session*

s1-2—Elements of psychology. Two points. Professor WOODWORTH

s3-4—Experimental psychology. Two points. Professor WOODWORTH and Mr. BRUNER

s21-22—Child study. Two points. Professor KIRKPATRICK

s121-122—Genetic psychology. Two points. Professor KIRKPATRICK

s283-284—Research course. Professor WOODWORTH, Professor KIRKPATRICK and Mr. BRUNER

### **Courses in Anthropology**

1-2—Anthropology, general introductory course—Lectures, essays, and discussions. Professor FARRAND  
M. and W. at 2.10, Psychological Laboratory, Schermerhorn  
M., W., and F. at 1.10, Barnard College

In the first half of this course a description of human races and of their distribution is given. The physical characters of the earliest human remains and their relations to present forms are discussed, and types of languages and their geographical distribution are described. In the second half of the year there is a discussion of the mental development of primitive man, which is followed by a description of types of primitive culture, and an inquiry into the origin and development of particular phases of culture. Open to Juniors.

101-102—General ethnography—Lectures, essays and discussions. Professor BOAS  
W. and F. at 9.10, Room 507, Schermerhorn

In this course the ethnology of primitive tribes is described, in geographical order. The course aims to give a summary of the cultural types of the world and of their historical relations. The collection in the American Museum of Natural History will be utilized for illustrating this course. Open to Juniors.

103-104—Prehistoric archaeology—Lectures, essays, and discussions. Professor SAVILLE and Dr. BERKEY

M. and W. at 11.10, Room 507, Schermerhorn

In the first part of this course the geological basis of prehistoric archaeology is discussed, while in the second part the questions of prehistoric archaeology are taken up in detail. The collections of the Geological Department and of the American Museum of Natural History are utilized for illustrating this course. Open to Juniors.

105-106—Ethnology—Primitive culture—Lectures, papers, and discussions. Professor FARRAND

M. and W. at 3.10, Room 507, Schermerhorn

This course consists of a more detailed treatment of the questions involved in primitive culture, such as the origin and development of mythology, morality, and religion, education, art, social customs, etc. Students are expected to have taken Anthropology 1-2 or 101-102, or to give satisfactory evidence of previous work before being admitted to this course.

[107-108—Ethnography of America and Siberia—Lectures and discussions. Professor BOAS

*Not given in 1906-07]*

111-112—Archaeology and ethnography of China with special reference to Farther India and Central Asia—Lectures and discussions. Dr. LAUFER

W. and F. at 3.10, Room 507, Schermerhorn

In this course the ethnography of eastern Asia will be described. Special attention will be given to the archaeology and culture of China, in its relations to Central Asia and Farther India. The collections in the American Museum of Natural History and in the Metropolitan Museum will be utilized.

113—Ethnography of Japan, Korea, and Formosa. Dr. LAUFER  
W. at 4.10, Room 507, Schermerhorn

115-116—Mexican archaeology—Lectures, essays, and discussions. Professor SAVILLE

M. and W. at 10.10, Room 507, Schermerhorn

In this course the archaeology of Mexico and the adjoining regions to the south will be discussed. The collections in the American Museum of Natural History will be utilized for illustrating this course.

Prerequisite, 101-102 or 103-104 or equivalent reading.

117-118—American languages—Lectures and discussions. Professor BOAS

Tu. and Th. at 10.10, Room 507, Schermerhorn

Selected languages of North America will be discussed representing different types. Indian myths will be translated in connection with grammatical interpretation. The course extends over two years, allowing time for the consideration of representative types of North American languages.

Prerequisite, General Linguistics.

129-130—American languages—Advanced course. Professor Boas  
Tu. and Th. at 11.10, Room 507, Schermerhorn

The principal object of the course is to give students experience in reading Indian languages and of elaborating their grammatical structure. For this purpose texts will be taken down from dictation and the recorded texts will be translated and analyzed.

119-120—Morphology with special reference to physical anthropology. See Anatomy 24. Professor HUNTINGTON

121-122—Anthropometry—Lectures. Professor Boas  
Tu. and Th. at 9.10, and three hours' laboratory work. Room 507, Schermerhorn

In this course the general subject of anthropometry will be treated and practical instruction on anthropometric methods will be given.

Prerequisite, Mathematics 12, or equivalent reading.

123—The statistical treatment of anatomical and physiological data. Professor Boas  
Th. at 3. P. & S.

This course is intended primarily for medical students. The methods of treating vital statistics and anatomical, physiological, and pathological statistics form the main subject of the course.

125-126—Early Spanish sources for American ethnography, 2 hours. Mr. BANDELIER  
Tu. and F. at 4.10

127—Archaeology of Peru—Lectures and discussions. Mr. BANDELIER  
F. at 3.10

201-202—Seminar in ethnology. Professor Boas  
Tu. 4-6, biweekly

203-204—Research work in anthropology. Professors Boas, FAR-  
RAND, and SAVILLE  
Daily, Room 507, Schermerhorn



### **Extension Courses**

See special circular of extension courses.

### **Cognate Courses**

Students of philosophy, psychology, or anthropology are advised to acquaint themselves with the wealth of courses offered by other Departments of the University. Full descriptions of the courses offered by any department can be obtained by application to the Secretary of the University. Many of these courses are cognate with those offered by this Division, and certain of them may, with special permission, be counted as courses in philosophy, psychology, or anthropology, in the preparation for higher degrees.

### **Teachers College**

Teachers College, founded in 1888, became in 1898 a part of the educational system of Columbia University. As a professional school for the study of education and the training of teachers, it takes academic rank with the Schools of Law, Medicine, and Applied Science. The courses, the schools of observation and practice and the other resources of Teachers College add greatly to the opportunities of students of philosophy, psychology, and anthropology, and in return the advanced students of Teachers College often follow courses offered by this Division. The announcement for 1905-06 will be sent on application to the Secretary of Teachers College.

### **American Museum of Natural History**

By arrangement with the authorities of the Museum, its extensive collections are available for students of the University. The work of the department of anthropology is carried on in cooperation with that institution, certain of the courses being held at the Museum. The anthropological collections, already large, are being constantly extended and afford exceptional facilities for research.

### **New York Academy of Sciences**

The Section of Anthropology and Psychology of the New York Academy of Sciences holds monthly sessions. The students in this Division may attend the meetings of this section and present papers. The results of important research may be printed by the Academy.

### **Library Facilities**

The library facilities of Columbia University and of the City of New York for students of philosophy, psychology, and anthropology are unusually good. The University library, open daily (except Sunday) for fifteen hours, contains over 380,000 bound volumes and



an equal number of pamphlets, and the additions for the past five years have averaged more than 18,000 volumes annually. Any book needed by an advanced student can usually be bought at once. The collection of books on the history of philosophy is very large, that on Kant and his philosophy being especially complete. About 1,000 periodicals are regularly received at the University Library, and among them will be found every journal of importance, American or foreign, dealing with philosophy, psychology, anthropology, ethics, or education. Duplicates of the more important books and journals are placed in the Psychological Laboratory and may be used by students at their convenience. There is in the Laboratory a card index of psychological literature, containing over 17,000 titles. Students of psychology will also find much of value in the library of the Academy of Medicine, 15 West 43d Street, which is open to students free of charge. Students of anthropology may avail themselves of the library of the American Museum of Natural History. The Astor and Lenox Libraries are also available for students, on especially favorable terms, when introduced by one of the instructors.

### **The Psychological Laboratory**

The laboratory, which also provides for the work in anthropology not requiring the collections of the American Museum of Natural History, is in Schermerhorn Hall. This building, "devoted to the advancement of natural science," was erected in 1897 at a cost of over \$400,000, and is complete in every respect. The laboratory occupies the eastern half of the second floor and part of the floor immediately above, the rooms being as follows: A lecture-room, seating one hundred students, used also as a general laboratory, a seminar room with a department library, a workshop, a photographic and chemical room, an apparatus cabinet, an anthropometric laboratory, five rooms used as offices and laboratories by the officers of the department, and seven research laboratories. Two of these are dark-rooms, specially constructed to exclude sound as well as light, 18 feet high and well ventilated. The laboratory has light from the north and south, is supplied with electric current of both high and low potential, and is in all respects equipped both for instruction and research.

The collection of apparatus has been gradually secured at a cost of about \$10,000. It includes: (1) Outfit for making and repairing apparatus, electric motors, etc. A skilled instrument-maker is continually employed, adding greatly to the efficiency of the laboratory. (2) The outfit of an anthropometric laboratory with which Freshmen in the college and others are annually tested. (3) The apparatus, preparations, lanterns and microscope slides, charts, etc.,

needed for complete courses in experimental and physiological psychology and in anthropology; and (4) the apparatus that has been used or is being used in special researches. A large part of the apparatus has been made especially for the laboratory. It includes chronographs and recording apparatus of many kinds, driven by clockwork or by electric motors, of high and low speed, for long and short records, including several original designs adapted especially to certain lines of research, apparatus for studying the time, extent, and force of movement, fatigue, and the dynamogenic effects of sensations and emotions, sphygmographs, pneumographs, and planchettes, instruments for the study of the sense of time and the perception of space, an Ellis harmonium and Koenig acoustical apparatus, a spectro-photometer, special color-mixers, Auzoux's models, a photographic outfit, and many other instruments, models, preparations, charts, etc., used in the course of instruction and for research work. The outfit for the courses of instruction is now in large measure secured, and the annual appropriations can be used chiefly for apparatus needed in special researches.

#### **Degrees of Master of Arts and Doctor of Philosophy**

All courses offered by the Division, except Philosophy A and those bearing numbers below 100 may be counted as part of the work required for the degrees of Master of Arts and Doctor of Philosophy; but courses numbered below 200 may only be so counted when additional work is taken in connection with them. A record of this additional work must be filed in the office of the Dean.

Candidates for the degrees of Master of Arts and Doctor of Philosophy must hold a bachelor's degree, or its equivalent from a European institution, and are required to select one major and two minor subjects, and to pursue the same in residence for a minimum period of one and two years, respectively. Ordinarily a somewhat longer time is required to obtain the degree of Doctor of Philosophy. This is always the case when the student is a graduate of a college which does not offer opportunities for a sound preliminary training in philosophy and psychology. Students who have been in residence at another university will be given credit for the same, but a residence of at least one year at Columbia University is required of all candidates for its degrees.

This Division offers three subjects—Philosophy, Psychology, and Anthropology—any one of which may be selected by a candidate as the major or as a minor subject for a university degree. With the approval of the professor in charge of the candidate's major subject and the consent of the Dean, two minors may be taken in one subject, or one minor may be taken in two different subjects. The subject of the dissertation required of all candidates for the de-

gree of Doctor of Philosophy, and that of the essay required of all candidates for the degree of Master of Arts, must lie in the field of the major subject. As a rule a major subject requires one-half of the student's entire time. A minor subject requires attendance on lectures for not less than two hours weekly.

In the Faculty of Philosophy admission as a regular student or as a candidate for the degree of Master of Arts does not admit to candidacy for the degree of Doctor of Philosophy. Only those students are admitted to candidacy for the degree of Doctor of Philosophy, who

1. Are recommended for such candidacy by the heads of the departments in which their major and minor subjects lie;
2. Are certified as to their ability to read French and German by the heads of those departments;
3. Are certified as to their ability to read Latin by the head of that department; provided that students whose major subject is psychology, anthropology, or education, shall not be required to meet this test when it is certified by the professor in charge of their major subject that an ability to read Latin is not necessary for the proper prosecution of their researches.

When a student is admitted to candidacy for the degree of Doctor of Philosophy, he shall be credited with his past period of university residence, or with so much thereof as may be determined by the Dean and the professor in charge of the candidate's major subject.

Further information regarding the preparation for higher degrees is contained in a special circular of instruction for graduate students, to be had on application to the Secretary of the University.

### **University Fellowships and Scholarships**

Fourteen University Fellowships, each of the annual value of \$650, are awarded by the University Council in April of each year.

Thirty University Scholarships, eight President's University Scholarships and four Curtis Scholarships (open to women), each of the annual value of \$150, are awarded by the University Council in May of each year. University scholars are required to pay all the fees established for matriculation, tuition, and graduation. These Scholarships are open to all graduates of colleges and scientific schools whose course of study has been such as to entitle them to be enrolled at Columbia University as candidates for a higher degree.

Eligibility to candidacy for the President's University Scholarships, for University Scholarships and for University Fellowships is limited to applicants who are not over thirty years of age.

Applications for Fellowships and Scholarships must be made to the President of Columbia University on blank forms, which may be had, together with full information regarding the rules governing them, on application to the Secretary of the University. These applications must be received on or before March 1 and May 1, respectively.

### **Students in Theological Seminaries**

Theological Seminary students in the Union and in the General Theological Seminary when properly certified by the authorities of those institutions, are admitted to pursue courses in this Division, and to become candidates for degrees without charge for tuition. Similar privileges are enjoyed by students in the Jewish Theological Seminary in the City of New York, in the Drew Theological seminary at Madison, N. J., in St. Joseph's Seminary, Dunwoodie, Yonkers, N. Y., and in New Brunswick, N. J., Theological Seminary.

### **Committee on Employment for Students**

A Standing Committee on Employment for Students has been established by the University Council. This Committee will render any possible assistance to students who desire teaching or other employment as a means of helping to defray their expenses while at the University. Applications for assistance should be addressed to the Secretary of the Committee, Mr. F. D. Fackenthal, Room 213, Library Building.

### **Appointment Committee**

There is an Appointment Committee, instituted by authority of the University Council, to recommend graduates of the College or University for teaching or other positions, and to assist competent graduates to obtain such positions. The Committee keep classified lists of those who wish employment, and will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible. No fees are charged for any service rendered by the Committee. Communications, either from graduates wishing positions or from those having appointments to make, should be addressed to the Secretary of the Appointment Committee, Room 213, Library, Columbia University, New York, N. Y.

### **Fees**

A matriculation fee of \$5 is charged when a student first enrolls in Columbia University.

The annual tuition fee of candidates for a degree is \$150, payable in two equal semi-annual instalments, with the proviso that the maximum fees for the degrees of Master of Arts and Doctor of Philosophy shall be, respectively, \$150 and \$300.



There is an annual gymnasium fee of \$7. This entitles the student to a locker and to the free use of the gymnasium and the baths.

Students who are not candidates for a degree pay a tuition fee at the rate of \$15 per annum for each hour of attendance a week on lectures or recitations, the maximum annual fee for such students being \$150.

Fees paid by students pursuing a partial course, who afterward qualify themselves as candidates for a higher degree, will be credited as part of the tuition fee required for students taking that degree.

The following fees are required to be paid before a student is admitted to examination for the degree named:

For the degree of Master of Arts, \$25; for the degree of Doctor of Philosophy, \$35.

### Publications

*The Educational Review; The Journal, The Archives, and the Library of Philosophy, Psychology and Scientific Methods; Science; and The Popular Science Monthly* are edited by officers of the Division, and make provision for the prompt publication of important articles.

A series of *Contributions* on philosophical, psychological, and educational subjects is published under the editorship of the officers of the Division and of Teachers College. These *Contributions* appear at irregular intervals and are to be obtained from the Macmillan Co., 66 Fifth Avenue, New York. The more important dissertations submitted by candidates for the degree of Doctor of Philosophy having their major subject in this Division may be included in this Series, if the writers so desire.

The following numbers of the *Contributions* have appeared:

Volume 1—1. *Friedrich Heinrich Jacobi: a Study in the Origins of German Realism*, by Norman Wilde, Ph. D. (1894. Price, 60 cents.) 2. *Kant's Inaugural Dissertation of 1770*, including a Translation of the Dissertation, together with an Introduction and Discussion, by W. J. Eckoff, Ph.D. (1894. Price, 90 cents.) 3. *The Ethical System of James Martineau*, by Joseph H. Hertz, Ph.D. (1894. Price, 60 cents.) 4. *Friedrich Eduard Beneke: the Man and his Philosophy*, by Francis Burke Brandt, Ph.D. (1895. Price, \$1.00.)

Volume 2—1. *Hegel as Educator*, by Frederic Ludlow Luqueer, Ph.D. (1896. Price, \$1.00.) 2. *Hegel's Doctrine of the Will*, by John Angus MacVannel, Ph.D. (1896. Price, \$1.00.) 3. *The Basis of Early Christian Theism*, by Lawrence T. Cole, Ph.D. (1898. Price, 50 cents.) 4. *Early American Philosophers*, by Adam Leroy Jones, Ph.D. (1898. Price, 75 cents.)

Volume 3—1. *The Formal and Material Elements of Kant's Ethics*, by William Morrow Washington, Ph.D. (1898. Price, 60 cents.) 2. *A Syllabus of Psychology*, by James H. Hyslop, Ph.D. (1899. Price, \$1.00.) 3-4. *A Syllabus of an Introduction to Philosophy*, by Walter T. Marvin, Ph.D. (1899. Price, \$1.25.)

Volume 4—1. *On Sensations from Pressure and Impact*, by Harold Griffing, Ph.D. (1895. Price, 75 cents.) 2. *Mental Imagery*, by Wilfrid Lay, Ph.D. (1898. Price, 50 cents.) 3. *Animal Intelligence*, by Edward L. Thorndike, Ph.D. (1898. Price, \$1.00.) 4. *The Emotion of Joy*, by George V. N. Dearborn, Ph.D. (1899. Price, 75 cents.)

Volume 5—1. *Conduct and the Weather*, by Edwin G. Dexter, Ph.D. (1899. Price, \$1.00.) 2. *On After-images*, by Shepherd I. Franz, Ph.D. (1899. Price, 75 cents.) 3. *Inhibition*, by Burtis B. Breese, Ph.D. (1899. Price, 75 cents.) 4. *The Accuracy of Voluntary Movement*, by Robert S. Woodworth, Ph.D. (1899. Price, \$1.00.)

Volume 6—1-4. *Educational Legislation and Administration in the Colonies*, by Elsie Worthington Clews, Ph.D. (1899. Price, 2.00.)

Volume 7—1. *The Education of the Pueblo Child*, by Frank C. Spencer, Ph.D. (1899. Price, 75 cents.) 2. *The Economic Aspect of Teachers' Salaries*, by Charles Bartlett Dyke, A.M. (1899. Price, \$1.00.) 3. *Education in India*, by William I. Chamberlain, Ph.D. (1899. Price, 75 cents.) 4. *Horace Mann in Ohio*, by George Allen Hubbell, A.M. (1900. Price, 50 cents.)

Volume 8—1. *Imitation in Education*, by Jasper Newton Deahl, A.M. (1900. Price, 60 cents.) 2. *Historical Development of School Readers and of Method in Teaching Reading*, by Rudolph R. Reeder, Ph.D. (1900. Price, 60 cents.) 3-4. *Notes on Child Study*, by Edward L. Thorndike, Ph.D. (1901. Price, \$1.00.)

Volume 9—1. *The Mental Life of the Monkeys*, by Edward L. Thorndike, Ph.D. (1901. Price, 75 cents.) 2. *The Correlation of Mental and Physical Tests*, by Clark Wissler, Ph.D. (1901. Price, 75 cents.) 3. *The Practice Curve*, by Joseph Hershey Bair, Ph.D. (1902. Price, 75 cents.) 4. *Motor, Visual and Applied Rhythms*, by James Burt Miner, Ph.D. (1903. Price, \$1.00.)

Volume 10—1. *The Problem of Metaphysics and the Meaning of Metaphysical Explanation*, by Hartley Burr Alexander, Ph.D. (1902. Price, 75 cents.) 2. *The Free-Will Problem in Modern Thought*, by William Hallock Johnson, Ph.D. (1903. Price, 75 cents.) 3. *The Concept Action in History and the Natural Sciences*, by Percy Hughes, Ph.D. (1905. Price, \$1.00.) 4. *Avenarius and the Standpoint of Pur. Experience*, by Wendell T. Bush, Ph.D. (1906. Price, 75 cents.)

Volume 11—1. *School Administration in Municipal Government*, by Frank Rollins, Ph.D. (1902. Price, 75 cents.) 2. *Heredity, Correlation, and Sex Differences in School Abilities*. Edited by Edward L. Thorndike, Ph.D. (1903. Price, 50 cents.) 3-4. *The History of Secondary Education in the United States*, by E. G. Broome, Ph.D. (1903. Price, \$1.00.)



Volume 12—1-4. *The Professional Training of Secondary Teachers in the United States*, by G. W. A. Luckey, Ph.D. (1904. Price, \$1.25.)

Volume 13—1. *The Perception of Number*, by J. Franklin Messenger, Ph.D. (1903. Price, 50 cents.) 2. *Memory for Connected Trains of Thought*, by Ernest Norton Henderson, Ph.D. (1904. Price, 75 cents.) 3. *Measurements of Twins*, by Edward L. Thorndike, Ph.D. (1905. Price, 50 cents.) 4. *The Psychology of Association*, by Felix Arnold, Ph.D. (1906. Price, 50 cents.)

Volume 14—1. *The Psychology of Reading*, by Walter F. Dearborn, Ph.D. (1906. Price, \$1.00) 2. *The Measurement of Variable Quantities*, by Franz Boas, Ph.D. (1906. Price, 50 cents.) 3. *The Diurnal Course of Human Efficiency*, by H. D. Marsh, Ph.D. (In press.) 4. *The Psychology of Mentally Deficient Children*, by Naomi Norsworthy, Ph.D. (In press.)

Volume 15—1. *The Time of Perception as a Measure of Differences in Sensation*, by Vivian A. C. Henmon, Ph.D. (In press.)

### Degrees of Doctor of Philosophy Awarded

Since the organization of the departments constituting this Division, the degree of Doctor of Philosophy has been conferred upon the following persons whose major subject has been chosen from those offered by the Division. The Division as reorganized in 1902 does not include Education; consequently only those who have chosen Educational Psychology as a major subject since that time are included in this list.

1888

HENRY MARCUS LEIPZIGER . . . *Philosophy, Ethics and Psychology*

Dissertation: The philosophy of the new education

Superintendent of lectures to the people, 1890-

Address: Board of Education, 59th Street and Park Avenue, New York

DANIEL FRANCIS LINEHAN . . . *Philosophy, Greek and Latin*

Dissertation: A critical review of Kant's synthetic a priori judgments

Medical sanitary inspector, New York City, 1893-95

Address: 127 West 58th Street, New York

JAMES BUCHANAN NIES . . . *Philosophy, Ethics, and Psychology*

Dissertation: The independence of language and thought

Address: Jerusalem, Palestine

1889

ALFRED POOLE GRINT . . . *Philosophy, Ethics, and Psychology*

Dissertation: The ethical movement in English philosophy

Rector St. James's Church, New London, Conn., 1890-

1891

DANIEL EDWARD LORENZ . . . *Philosophy, Psychology, and Ethics*

Dissertation: The theology of Kant

Pastor of the Church of the Good Shepherd (Presbyterian), New York, 1888-

Address: 168 West 81st Street, New York

1894

WILLIAM JULIUS ECKOFF, *Philosophy, Education and Political Philosophy*

Dissertation: Kant's inaugural dissertation of 1770

Principal of the Woodcliff School, South Orange, N. J., 1902-

JOSEPH HERMAN HERTZ . . . *Ethics, Philosophy, and Education*

Dissertation: The ethical system of James Martineau  
Rabbi, Witwaterstrand Old Hebrew Congregation  
Address: P.O. Box 3206, Johannesburg, South Africa

NORMAN WILDE . . . *Philosophy, Ethics, and Latin*

Dissertation: Friedrich Heinrich Jacobi: a study in the origins of German realism  
Professor of philosophy, University of Minnesota, 1903-

1895

FRANCIS BURKE BRANDT . . . *Philosophy, Education, and Sociology*

Dissertation: Friedrich Eduard Beneke, the man and his philosophy  
Professor and head of the department of pedagogy, Central High School, Philadelphia, 1896-; editor Philadelphia *School of Pedagogy Record*

HAROLD GRIFFING . . . *Psychology, Philosophy, and Biology*

Dissertation: On sensations from pressure and impact  
Died, January 29, 1900

1896

FREDERIC LUDLOW LUQUEER . . . *Education, Psychology, and Sociology*

Dissertation: Hegel as educator  
Principal of Public School 126, Brooklyn, N. Y., 1901-

1898

LAWRENCE THOMAS COLE *Philosophy, Ethics, and Political Philosophy*

Dissertation: The basis of Early Christian Theism  
Rector of Trinity School, 147 West 91st Street, New York

ADAM LEROY JONES . . . *Philosophy, Education, and Literature*

Dissertation: Early American philosophers  
Preceptor in philosophy, Princeton University, 1905-

WILFRID LAY . . . *Psychology, Philosophy, and Latin*

Dissertation: Mental imagery  
Teacher of Latin and English in the De Witt Clinton High School, Borough of Manhattan, New York, 1899-

JOHN ANGUS MACVANNEL . . . *Philosophy, Anthropology, and Sociology*

Dissertation: Hegel's doctrine of the Will  
See list of officers

EDWARD LEE THORNDIKE . . . *Psychology, Philosophy, and Zoology*

Dissertation: Animal intelligence.  
See list of officers

WILLIAM MORROW WASHINGTON *Philosophy, Education, and Psychology*

Dissertation: Formal and material elements of Kant's ethics  
Pastor, Corbin, Ky.

1899

BURTIS BURR BREESE . . . *Psychology and Education*

Dissertation: On inhibition  
Professor of psychology, University of Cincinnati

ELSIE WORTHINGTON CLEWS (PARSONS) . . . *Education, Philosophy, and Sociology*

Dissertation: The educational legislation and administration of the colonial governments  
Inspector of schools, New York City, 1899-; lecturer in sociology, Barnard College, 1902-

GEORGE VAN NESS DEARBORN . . . *Psychology, Education, and Anthropology*

Dissertation: The emotion of joy

Assistant professor of physiology, Tufts College, 1900-5; professor, 1905-

EDWIN GRANT DEXTER . . . *Education, Philosophy, and Psychology*

Dissertation: Conduct and the weather; an inductive study of the mental effects of definite meteorological conditions

Professor of education, University of Illinois, Champaign, Ill., 1900-

SHEPHERD IVORY FRANZ . . . *Psychology, Education, and Anthropology*

Dissertation: On after-images

Physiologist and psychologist, McLean Asylum, Waverley, Mass., 1904-

GEORGE BALTHASAR GERMANN . . . *Education and Psychology*

Dissertation: National legislation concerning education; its influence and effect in the public land States east of the Mississippi River admitted prior to 1820

Principal of Public School No. 94, Brooklyn, 1902; principal of Evening School No. 17, Brooklyn, 1903-

ROBERT SESSIONS WOODWORTH . . . *Psychology, Philosophy, and Education*

Dissertation: The accuracy of voluntary movement

See list of officers

1900

WILLIAM ISAAC CHAMBERLAIN . . . *Education and Philosophy*

Dissertation: Education in India

Professor of logic and mental philosophy, Rutgers College, New Brunswick, N. J.

RUDOLPH REX REEDER . . . *Education and Geography*

Dissertation: The historical development of school readers and of method in teaching reading

Superintendent of the school of the Orphan Asylum Society, Hastings-on-Hudson, N. Y., 1900-

FRANK CLARENCE SPENCER . . . *Education, Anthropology, and Psychology*

Dissertation: Education of the Pueblo child; a study of arrested development

Address: Monte Vista, Colorado

1901.

HARTLEY BURR ALEXANDER . . . *Philosophy and Psychology*

Dissertation: The problem of metaphysics and the meaning of metaphysical explanation

Address: 384 St. James Avenue, Springfield, Mass.

ALFRED L. KROEBER . . . *Anthropology and Psychology*

Dissertation: Decorative symbolism of the Arapaho

Instructor in anthropology, University of California, 1901-

GEORGE WASHINGTON ANDREW LUCKEY . . . *Education and Psychology*

Dissertation: The professional training of secondary school teachers in the United States

Professor of education, University of Nebraska, 1895-

CLARK WISSLER . . . *Psychology, Anthropology, and Education*

Dissertation: The correlation of mental and physical tests

See list of officers

1902

WILLIAM HALLOCK JOHNSON . . . *Philosophy and Psychology*

Dissertation: The free-will problem in modern thought

Professor of Greek and New Testament Literature, Lincoln University, Pa., 1903-

1903

- JOSEPH HERSHEY BAIR . . . *Psychology, Anthropology, and Sociology*  
Dissertation: The practice curve: A study in the formation of habits  
Professor of psychology and education, University of Colorado, 1904-
- RUDOLPH MICHAEL BINDER . . . *Philosophy, Psychology, and Sociology*  
Dissertation: Feeling as the principle of individuation and socialization.  
Assistant in St. Bartholomew's Parish, New York, 1900-  
Address: St. Bartholomew's Parish House, 209 East 42nd Street, New York City
- JAMES BURT MINER . . . *Psychology, Education, and Anthropology*  
Dissertation: Motor, visual and applied rhythms  
Assistant professor of psychology, University of Minnesota, 1906.
- J. FRANKLIN MESSENGER . . . . . *Psychology and Education*  
Dissertation: The perception of number  
Associate professor of psychology, Virginia State Normal School, Farmville, Va., 1906-
- ERNEST NORTON HENDERSON . . . *Education, Psychology, and Philosophy*  
Dissertation: A study in memory for connected trains of thought  
Professor of education, Adelphi College, Brooklyn, N. Y.

1904

- PERCY HUGHES . . . . . *Philosophy and Psychology*  
Dissertation: The concept action in history and the natural sciences  
Instructor in philosophy, University of Minnesota, 1905-
- WILLIAM JONES . . . . . *Anthropology, Psychology, and Linguistics*  
Dissertation: Some principles of Algonkin word formation  
Research Assistant of the Carnegie Institution, 1905-  
Address: Columbia University.
- NAOMI NORSWORTHY . . . . . *Psychology, Education, and Chemistry*  
Dissertation: The psychology of mentally deficient children  
See list of officers.  
Assistant in St. Bartholomew's Parish, New York, 1900-

- GREGORY DEXTER WALCOTT . . . . . *Philosophy and History*  
Dissertation: Kantian and Lutheran elements in Retschel's conception of God  
Professor of Greek and history of philosophy, Blackburn University, Carlinville, Ill.

1905

- FELIX ARNOLD . . . . . *Psychology, Philosophy, and English*  
Dissertation: The psychology of association  
Address: 1549 Madison Ave., New York.
- CHARLES JOSEPHUS C. BENNETT . . . . . *Education and Psychology*  
Dissertation: Formal discipline  
Professor of education and psychology, Louisiana State University, Baton Rouge, 1905-
- WENDELL T. BUSH . . . . . *Philosophy and Psychology*  
Dissertation: Avenarius and the standpoint of pure experience  
See list of officers
- WALTER FENNO DEARBORN . . . *Education, Psychology, and Philosophy*  
Dissertation: The psychology of reading  
Instructor in educational psychology, University of Wisconsin, 1905-
- VIVIAN ALLEN CHARLES HENMON . . *Psychology, Philosophy, and Education*  
Dissertation: The time of perception as a measure of differences in sensation  
See list of officers

HOWARD DANIEL MARSH . *Psychology, Anthropology, and Sociology*

Dissertation: The diurnal course of human efficiency

Instructor in philosophy and psychology, Ohio Wesleyan University, 1905-

### Academic Calendar

The Academic year begins thirty-seven weeks prior to Commencement, which occurs on the Wednesday nearest the 11th of June. For 1906-1907 these dates will be, respectively, September 26, 1906, and June 13, 1907. It is divided into two half-years of fifteen weeks of instruction each. In 1906-07 the second half-year begins on February 4, 1907.

The exercises of the University will be suspended on Election Day, Thanksgiving Day and the following two days, for two weeks at Christmas, on Washington's Birthday, from the Thursday before Good Friday through the following Monday, and on Memorial Day.

The complete Academic calendar will be found in the University catalogue, and so far as it refers to the students studying under any Faculty, in the announcement of that Faculty.

### Consultation Hours

From September 21 to September 28, 1906, the several offices of the Division will be open throughout the day. After September 28 stated hours for consultation are as follows:

Adler, F., Prof.	W., F., 5, 415 L.
Bandelier, A. F., Mr.	F., 5, 405 S.
Boas, F., Prof.	Tu., Th., 12, 405 S.
Bush, W. T., Dr.	W., 11, 420 L.
Cattell, J. McK., Prof.	Tu., Th., 2, 412 S.
Dewey, J., Prof.	Tu., Th., 10, 416 L.
Farrand, L., Prof.	M., W., 4, 513 S.
Henmon, V. A. C., Dr.	Tu., Th., 11, B. C.
Laufer, B., Dr.	F., 4, 405 S.
Lord, H. G., Prof.	W., F., 10, 416 L.
MacVannel, J. A., Prof.	M., W., 4, 112 T.
Miller, D., Dr.	Tu., 11.15-12.30, 510 S.
Montague, W. P., Dr.	M., W., 5, 417 L.
Norsworthy, N., Dr.	M., W., F., 10, 324 T.
Pitkin, W. B., Mr.	M., 11, 335 B.
Saville, M. H., Prof.	M., W. 10, 405 S.
Strong, C. A., Prof.	S., 12, 409 S.
Thorndike, E. L., Prof.	M., W., 1-3, 326 T.
Wissler, C., Dr.	Tu., 1.30, 405 S.
Woodbridge, F. J. E., Prof.	M., W., 2, 420 L.
Woodworth, R. S., Prof.	M., W., 3, 409 S.



SCHEDULE OF COURSES IN PHILOSOPHY, PSYCHOLOGY AND ANTHROPOLOGY, 1906-'07

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Ph. A: B C Ph. 161-162: B C Ps. 1-2: L, 418 Ps. 3-4: Ps L	Ph. 207-208: L, 415 Ps. 1-2: L, 418 An. 121-122: S, 507	Ph. A: B C Ph. 161-162: B C Ph. 203-204: L, 406 Ps. 1-2: L, 418 Ps. 3-4: Ps L An. 101-102: S, 507	Ph. 207-208: L, 415 Ps. 1-2: L, 418 An. 121-122: S, 507	Ph. A: B C Ph. 161-162: B C Ph. 265-266: L, 306 Ps. 1-2: L, 418 Ps. 3-4: Ps L An. 101-102: S, 507	Ps. 1-2: L, 418
10-10	Ph. A: B C Ps. 135-136: Ps L An. 115-116: S, 507	Ph. 101-102: S, 505 Ps. 111-112: Ps L An. 117-118: S, 507	Ph. A: B C Ph. 203-204: L, 410 Ps. 135-136: Ps L An. 115-116: S, 507	Ph. 101-102: S, 505 Ps. 111-112: Ps L An. 117-118: S, 507	Ph. A: B C Ph. 265-266: L, 306 Ps. 135-136: Ps L	Ps. 161-162: S, 406
11-10	Ph. A: L, 413 Ph. 21-22: L, 415 Ph. 21-22: B C Ps. 121-122: T C An. 103-104: S, 507	Ph. 170: L, 405 Ps. 171-172: S, 407 An. 129-130: S, 507	Ph. A: L, 413 Ph. 21-22: L, 415 Ph. 21-22: B C Ps. 121-122: T C An. 103-104: S, 507	Ph. 170: L, 405 Ps. 171-172: S, 407 An. 129-130: S, 507	Ph. A: L, 413 Ph. 21-22: L, 415 Ph. 21-22: B C	Ps. 161-162: S, 406
1-10	Ph. A: B C An. 1-2: B C	Ps. 7-8: B C Ps. 281-282: Ps L	Ph. A: B C An. 1-2: B C	Ps. 7-8: B C Ps. 281-282: Ps L	Ph. A: B C An. 1-2: B C	
2-10	Ph. 141: B C Ph. 142: L, 418 Ph. 161-162: L, 413 Ps. Lab. Courses An. 1-2: S, 407	Ps. Lab. Courses	Ph. 141: B C Ph. 142: L, 418 Ph. 161-162: L, 413 Ps. Lab. Courses An. 1-2: S, 407	Ps. Lab. Courses	Ph. 141: B C Ph. 142: L, 418 Ph. 161-162: L, 413	
3-10	Ph. 127-128: L, 406 Ph. 181-182: T C Ps. Lab. Courses An. 105-106: S, 507	Ps. Lab. Courses	Ph. 127-128: L, 406 Ph. 181-182: T C Ps. Lab. Courses An. 105-106: S, 507 An. 111-112: S, 507	Ps. Lab. Courses An. 123: P & S	Ph. 127-128: L, 406 Ph. 209-210: L, 306 An. 111-112: S, 507 An. 127: S, 507	
4-10	Ph. 167-168: L, 405	Ph. 225-226: L, 306 Ps. 21-22: T C An. 125-126: S, 507 An. 201-202: S, 405	Ph. 126: L, 415 Ph. 167-168: L, 405 Ps. 221-222: T C Ps. 251-252: P & S An. 113: S, 507	Ps. 21-22: T C Ps. 401-402: Ps L	Ph. 126: L, 415 An. 125-126: S, 507	

Abbreviations: L=Library. S=Schermmerhorn. P & S=College of Physicians and Surgeons. Ps L=Psychological Laboratory. B C=Barnard College. T C=Teachers College.





THE LIBRARY OF THE

MAY 19 1923

UNIVERSITY OF ILLINOIS

C  
2 in Zph  
908/10

Eight Series, No. 19

May 23, 1908



# Columbia University Bulletin of Information

UNIVERSITY OF ILLINOIS LIBRARY

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE.

DIVISION OF  
PHILOSOPHY, PSYCHOLOGY, AND  
ANTHROPOLOGY

ANNOUNCEMENT

1908-1910

Published by

Columbia University  
in the City of New York

Morningside Heights

New York, N. Y.

## Columbia University Bulletin of Information

(Issued 25 times during the Academic year, monthly in November and December, and weekly between February and June. Entered as second-class matter at the New York, N. Y., Post Office, Dec. 22, 1900, under Act of July 16, 1894.)

These include :

1. Annual Reports of the President and the Treasurer to the Trustees.
2. The Catalogue of the University, issued in December, price 25 cents.
3. The Announcements of the several Colleges, Schools and Divisions, issued in the Spring and relating to the work of the next year. These are made as accurate as possible, but the right is reserved to make changes in detail as circumstances require. The current number of any of these Announcements will be sent without charge upon application to the Secretary of the University.

### Abridged Academic Calendar

The Academic Year is thirty-seven weeks in length, ending on the Wednesday nearest the 11th of June. In 1908-09 the year begins on September 23, 1908, and ends on June 9, 1909; in 1909-10, September 22, 1909, and June 8, 1910 respectively. It is divided into two half-years of fifteen weeks of instruction each. In 1908-09 the second half-year begins on February 1, 1909; in 1909-10, on February 7, 1910. The Summer Session for 1908 begins on July 7 and ends on August 15.

The exercises of the University are suspended on Election Day, Thanksgiving Day and the following two days, for two weeks at Christmas, on Washington's Birthday, from the Thursday before Good Friday through the following Monday, and on Memorial Day.

The complete Academic calendar will be found in the University catalogue, and so far as it refers to the students studying under any Faculty, in the announcement of that Faculty.

## OFFICERS OF THE DIVISION

COMPRISING THE  
DEPARTMENTS OF PHILOSOPHY, PSYCHOLOGY, AND ANTHROPOLOGY

- NICHOLAS MURRAY BUTLER, Ph.D., LL.D. (Cantab.) Litt.D. (Oxon.),  
*Professor of Philosophy and Education ; President of Columbia University*
- MOSES ALLEN STARR, M.D., Ph.D., LL.D., Sc.D., *Professor of Neurology*
- JAMES MCKEEN CATTELL, Ph.D., LL.D., *Professor of Psychology*
- FRANZ BOAS, Ph.D., *Professor of Anthropology ; Chairman of the Division*
- HERBERT GARDINER LORD, A.M., *Professor of Philosophy*
- LIVINGSTON FARRAND, A.M., M.D., *Professor of Anthropology*
- EDWARD LEE THORNDIKE, Ph.D.,  
*Professor of Educational Psychology in Teachers College*
- FREDERICK J. E. WOODBRIDGE, A.M., LL.D.,  
*Johnsonian Professor of Philosophy*
- FELIX ADLER, Ph.D., *Professor of Social and Political Ethics*
- CHARLES AUGUSTUS STRONG, A.B., *Professor of Psychology*
- MARSHALL HOWARD SAVILLE, *Loubat Professor of American Archæology*
- JOHN ANGUS MACVANNEL, Ph.D.,  
*Professor of the Philosophy of Education in Teachers College*
- GEORGE STUART FULLERTON, Ph.D., LL.D., *Professor of Philosophy*
- JOHN DEWEY, Ph.D., LL.D., *Professor of Philosophy*
- ROBERT SESSIONS WOODWORTH, Ph.D., *Adjunct Professor of Psychology*
- WILLIAM PEPPERRELL MONTAGUE, Ph.D.,  
*Adjunct Professor of Philosophy ; Secretary of the Division*
- DICKINSON SERGEANT MILLER, Ph.D., *Professor of Philosophy*
- NAOMI NORSWORTHY, Ph.D.,  
*Instructor in Educational Psychology in Teachers College*
- *Instructor in Educational Psychology in Teachers College*
- HAROLD CHAPMAN BROWN, *Tutor in Philosophy*
- MARY THEODORA WHITLEY, B.S.,  
*Tutor in Educational Psychology in Teachers College*
- W. F. COOLEY, A.M., *Tutor in Philosophy*
- CLARK WISSLER, Ph.D., *Lecturer in Anthropology*
- ADOLPH FRANCIS BANDELIER, *Lecturer in American Archæology*
- WENDELL T. BUSH, Ph.D., *Lecturer in Philosophy*
- H. H. WOODROW, A.B., *Lecturer in Psychology*
- EDWARD BRADFORD TITCHENER, Ph.D.,  
*Non-resident Lecturer in Psychology for 1908*
- WALTER BOWERS PILLSBURY, Ph.D.,  
*Non-resident Lecturer in Psychology for 1909*
- HARRY LEVI HOLLINGWORTH, A.M., *Assistant in Psychology*
- FRANK C. BECKER, A.B., *Assistant in Philosophy*
- WARNER BROWN, A.M., *Assistant in Psychology*
- JOHN MCCHESENEY, A.B., *Assistant in Philosophy*





## PRELIMINARY STATEMENT

Philosophy **A** is required in the sophomore or junior year. It should be elected in the sophomore year by students wishing to follow other courses in philosophy or psychology.

Courses numbered from **1** to **100** inclusive are primarily for undergraduates. These courses count one point toward the degree of A.B. or B.S. for each hour of work through one half-year, except that two hours of laboratory work in psychology count as one point.

Courses numbered from **101** to **200** inclusive are for graduates and specially prepared undergraduates. Courses above **200** are for graduate students. The seminars and research courses are for students who are able to do independent work, and can only be taken with the consent of the instructor. Students desiring to take the advanced courses should in every case consult the instructors in charge.

Odd numbers indicate the first, even numbers the second half-year. A course designated thus, **1-2**, **21-22**, etc., runs through both half-years.

All courses in philosophy, psychology and anthropology, except Psychology **251-252** and Anthropology **105-106**, are open to women.

Since the Announcement is issued only at intervals of two years, while changes in the teaching staff and in the courses are to be expected year by year, those interested in the work to be offered in 1909-10 will do well to consult the Secretary of the University for later information.

*In the three departments of this division courses marked (\*) are given in 1908-1909, but not in 1909-1910; courses marked (†) are given in 1909-1910, but not in 1908-1909.*

### Courses in Philosophy

#### **A1-A2**—Introductory Course.

Columbia College, M., W., and F. at **11**; **501**, **601**, **602**, **603**, **607**, **609** Hamilton. Professors **WOODBRIDGE**, **DEWEY**, and **MILLER**; **Dr. BROWN** and **Mr. COOLEY**

The subject of the course during the first half-year is logic. During the second half-year a study is made of representative contributions to philosophical and scientific method.

Barnard College, M., W., and F. at **9**, at **10**, and at **11**. Professor **MONTAGUE** and **Dr. BROWN**

First half-year, psychology. Second half-year, logic.

#### **21-22**—Ethics. Professor **LORD**

Columbia College, M., W., and F. at **11**; **609** Hamilton.

Barnard College, M., W., and F. at **1.10**.

This course aims to give a careful and systematic analysis of elementary conceptions in ethics, with an examination of the fundamental doctrines of this branch of philosophy. It deals with theoretical problems, but upon a historical and social basis and with special reference to contemporary questions.

**42—Esthetics. Dr. BROWN**

Barnard College, M., W., and F. at 2.10.

This course is an introduction to esthetic problems. It intends to investigate the principles at the basis of art criticism and to prepare an answer to the problem "What is the place of the beautiful in life?"

**\*121-122—Psychological Ethics. Professor DEWEY**

M. and W. at 1.10. 418 L.

An account of conduct from the standpoint of an analysis of impulse, habit, desire, deliberation, and overt action, with consideration of the bearings of the analysis upon a critical theory of morals.

**†123-124—Pagan and Christian Ethical Ideals. Professor MILLER**

Tu. and Th. at 3.10. 418 L.

The aim will be to compare the ideals of Greek philosophy and life with those of the Bible and early Christian history.

**†126—Ethics. Professor ADLER**

Tu. and Th. at 4.10. 415 L.

Subject: Outline of a system of practical ethics, personal duties, duties of the family, duties of the vocation, political duties, etc.

**\*127-128—Modern Ethical Ideals. Professor MILLER**

Tu. and Th. at 3.10. 418 L.

This course, which is open for senior and graduate students, will probably deal with the writings of Guyau, Nietzsche, Ibsen, and Tolstoi. The aim will be to make clear their several ideals of life, and by discussion of these to reach a more complete view.

**†131-132—Moral and Political Philosophy. Professor DEWEY**

M. and W. at 1.10. 418 L.

A discussion of the rights and duties involved in social organization, with especial reference to the historic evolution and present problems of justice and charity and to the moral problems involved in the economic organization of society.

**141-142—Esthetics. Dr. BUSH**

Tu. and Th. at 4.10. 418 L.

The purpose of the course is to examine the function of esthetic experience in life and to develop points of view which can be of service in promoting the resourcefulness of esthetic interests.

**161-162—The History of Philosophy.**

Columbia College, M., W., and F. at 2.10, Room 415 Library. First half-year, Professor MONTAGUE; second half-year, Professor FULLERTON  
Barnard College, M., W., and F. at 9. Professor MONTAGUE

This course traces the development of philosophy from the earliest Greek period to the present time. Especial attention is paid to the problems which this development has raised, indicating how far solutions have been reached, correlating the solutions with one another and the civilizations under which they have arisen, and presenting the permanent gains for philosophy. The lectures will be supplemented by private reading and study of selections from the writings of the leading philosophers of the various periods. The third hour each week will be devoted to the critical examination of some systematic introduction to philosophy. This course serves as a general introduction to the study of philosophy.

†163-164—Ancient and Mediæval Philosophy. Professor WOODBRIDGE

M. and W. at 3.10, Room 415 L.

This course consists of lectures on the history of philosophy for the periods indicated by the title. The lectures will be supplemented by assigned readings and reports.

\*169-170—The Philosophy of Plato and Aristotle. Dr. BUSH and Professor WOODBRIDGE

M. and W. at 3.10, Room 415 L.

This course consists of lectures on the philosophy of Plato and Aristotle supplemented with assigned readings and reports. Dr. BUSH will offer the course on Plato during the first half-year, and Professor WOODBRIDGE the course on Aristotle during the second half-year.

181-182—Practicum—Philosophy of Education. Lectures, reports, and discussions. Professor MACVANNEL, in co-operation with President BUTLER

M. and F. at 10, Teachers College.

The purpose of this course is the somewhat detailed examination of the fundamental principles—philosophical, historical and psychological—which underlie a scientific theory of education, considered as a human institution. The process and the problems of education are examined from the standpoint of the history of civilization and the doctrine of evolution, and an attempt is made to formulate a philosophical basis for educational doctrine and practice.

Philosophy 161-162 is a desirable parallel course. (Same as Education 205-206.)

\*202—The Foundations of Logic ; informal discussions in epistemological theory. Professor FULLERTON

Th., 3.10-5. 306 L.

†204—Metaphysics. Professor WOODBRIDGE

W., 9-11, Room 306 L.

An analysis of the fundamental concepts of metaphysics. Individual reports and discussions.

\*205—Logical Analysis. Professor WOODBRIDGE

M. and W. at 3.10. 406 L.

An analysis of concepts such as "term," "relation," "element," "principle," "cause," etc., by means of which bodies of knowledge are systematized. The analysis will aim at defining the concepts and exhibiting their metaphysical status. Individual reports and discussions.

\*206—The Mind and the World ; an outline of metaphysical doctrine. Professor FULLERTON

M. and W. at 3.10. 405 L.

This course is meant to be primarily constructive. The discussion will center around certain fundamental positions touching the nature of the mind and of the external world ; dwelling, among other things, upon the respective claims of idealism and realism, as these are represented in our time.

†207-208—Types of Logical Theory. Professor DEWEY  
M. and W. at 9. 415 L.

A discussion of reflective thinking as discussed in judgment, conception, inference, and proof, with reference to the logical analysis of empiricism, rationalism, Kantianism and other schools which have discussed the theory of knowledge.

209-210—Types of Epistemological Theory. Dr. BUSH  
Tu. and Th. at 2.10. 415 L.

The history of the development of the problem of knowledge, followed by an examination of recent and contemporary theories, and an estimate of the outlook in epistemology at the present day.

211-212—Research work in Philosophy. Professor DEWEY

This course consists of work on theses undertaken under the direction of the instructor.

213-214—Research work in Philosophy. Professor WOODBRIDGE

Consultation, at hours to be arranged, on theses undertaken under the direction of the instructor.

219—Advanced Symbolic Logic. Dr. BROWN  
M., W., and F. at 2.10. 418 L.

The course aims at acquainting students with modern methods of dealing with the concepts of series, infinity, continuity, number, etc., and with the general problem of the morphology of deductive systems.

†225-226—Seminar in Ethics. Professor ADLER  
F. at 4.10, Room 306 Library.

First half-year: Recent tendencies in the ethical literature of Europe. Second half-year: The ethics of Schopenhauer.

\*229-230—Ethical Analysis. Professor DEWEY  
M. and F. at 9. 410 L.

The analysis is primarily logical, but directed upon historic types of moral theory. The fundamental moral terms, "end," "value," "law," "freedom," etc., will be examined, with reference to classic Greek thought, Kantianism, utilitarianism, and neo-scholasticism.

\*263-264—Philosophy in Germany since Kant. Professor WOODBRIDGE  
W., 9-11. 415 L.

A critical reading and interpretation of the important writings of Fichte, Schelling, Hegel, and Schopenhauer, supplemented by lectures on their philosophy as reflecting the life of their time.

†265—Research Work in the History of Philosophy. Professor  
WOODBRIDGE

W., 9-11, Room 306 Library.

The subject for 1909-10 will be Kant.

279-280—Contemporary Philosophy. Professor MONTAGUE  
M., 4.10-6. 418 L.

The course aims to acquaint students with the more notable tendencies of current philosophy, especially in England and America. In 1908-09 the subjects are *idealism*

as represented by Bradley, Royce, Howison and Taylor; and *pragmatism* as represented by Schiller, James and Dewey. In 1909-10 the subjects are *materialism* as represented by Büchner and Haeckel; and *naturalism* as represented by Santayana.

**281-282—Seminar. Professor MACVANNEL**

[Hours to be arranged.]

The seminar is for research work in the field of philosophy and education, and is open only to candidates for the degree of Ph.D. (unless candidates for the degree of A.M. are admitted by special permission) whose major subject lies in the field of philosophy or education. (Same as Education 305-306.)

**311-312—(Same as Mathematics 211-212)—The General Theory of Assemblages. 3 hours. Professor KEYSER**

Tu. and Th., 4-5.30. 301 M.

The course is intended to acquaint the student with the body of doctrine variously entitled *Mengenlehre*, *Mannigfaltigkeitslehre*, *Théorie des ensembles*, and with its bearings on fundamental matters of logic, analysis, and geometry. It will deal with such topics as: Element and assemblage, their meaning and reciprocity; defined, well defined, ordered, well-ordered assemblages; finite and transfinite assemblages and numbers; equivalence, power, dimensionality, continuity of assemblages; derived, closed, perfect assemblages; order types and numbers, and rules of calculation; resolution, composition, and content of assemblages.

**331—(Same as Jurisprudence 161)—Elements of Law. Professor MUNROE SMITH**

M., W., and F. at 10. 413 L.

This course gives a general view of the origin and development of the law and of rights, remedial and substantive; a description of the sources of the law in force in the United States; and a systematic outline of the principal branches of the law. Lectures and assigned reading.

**371-372—(Same as History 121-122)—Intellectual History of Western Europe. Professor ROBINSON**

Tu. at 9 and 10, and Th. at 10. 410 L.

The main object of this course is to trace the changing intellectual preoccupations and attitude of mind of the educated class from the times of Boethius to those of Luther and Erasmus. Among the topics considered are: The dependence of the early middle ages upon the later Empire; Gregory the Great and his writings: asceticism; allegory, symbolism, and the miraculous; the so-called "Carolingian renaissance"; reforms of Gregory VII; supremacy of the mediæval Church; the sacramental system; relation of the Church to the civil power; heresy and the inquisition; the friars; Abelard; the twelfth century renaissance; the universities; rise of the vernacular languages; mediæval historiography; scholasticism; Roger Bacon and beginnings of natural science; Petrarch and humanism; the antecedents of the Protestant revolt; Erasmus and Luther; implications of the Protestant revolt.

**373-374—(Same as History 323-324)—Seminar in Primitive Institutions in European History. 2 hours, bi-weekly. [Hours to be arranged.]**

Professor SHOTWELL

This course deals mainly with the phenomena of magic, and their relation to religion and to social institutions. After a general survey of the field of magic among primitive peoples, it passes to a consideration of the persistence of magical ceremonies in European religions and the influence of such beliefs and ceremonies upon western civilization.



*Philosophy of Religion (at the Union Theological Seminary)*

- A—Philosophy of Religion; the Philosophical Foundation. 2 hours, first half-year. Professor KNOX
- B—Theism. 2 hours, second half-year. Professor KNOX
- C—Survey of the Ethnic Faiths. 2 hours, first half-year. Professor KNOX
- F—Introduction to the Study of the Philosophy of Religion. 2 hours. Professor KNOX
- Apologetics B and D may also be counted as courses in the philosophy of religion.

*Philosophy of Religion (at the General Theological Seminary)*

- A—Psychology of Religion. 2 hours, second half-year. Professor HAYES
- B—Christian Theism. 3 hours, first half-year. Professor HAYES
- C—Studies in the Philosophy of Religion. 2 hours, second half-year. Professor HAYES
- D—Studies in the Ethnic Religions. 2 hours, first half-year. Professor HAYES

*Ethics (at the Union Theological Seminary)*

- A and B—Christian Ethics. 2 hours. Professor THOMAS C. HALL
- C—Special Introduction to Ethics. 2 hours, first half-year. Professor THOMAS C. HALL
- E—History of Ethical Thought. 2 hours. Professor THOMAS C. HALL
- G—Christian Casuistry. 1 hour. Professor THOMAS C. HALL
- H—Study of Modern Ethics. 2 hours. Professor THOMAS C. HALL
- J—The Field of Ethical Inquiry. 2 hours, first half-year. Professor THOMAS C. HALL

*Ethics (at the General Theological Seminary)*

- A—Ethical Development in the Old Testament with a Comparative View of Ethnic Codes. 2 hours, first half-year. Mr. HUNT
- B—The Ethics of the New Testament. 2 hours, first half-year. Mr. HUNT
- C—Christian Ethics in Relation to Modern Social Problems. 3 hours, second half-year. Mr. HUNT

*Summer Session*

1908

- sA1—Logic. Three points. Dr. BROWN
- sA2—Introduction to Philosophy. Three points. Professor MONTAGUE



s123—Ethics. Two points. Professor SHARP

s161—The History of Philosophy. Two points. Professor MONTAGUE

s165—British Philosophers. Two points. Professor SHARP

## 1909

For courses in philosophy given in the summer of 1909, consult the Summer Session Announcement for that year.

### Courses in Psychology

1-2—Elements of General Psychology. Discussions, practical exercises, and recitations. Professor LORD

In order that the classes may be small this course will be given in sections

1. M., W., and F. at 9, Room 602 Hm.

2. Tu., Th., and S. at 9, Room 602 Hm.

First half-year: General outline of the subject. Angell's *Psychology*.

Second half-year: More intensive study of certain selected topics. Stout's *Manual and Groundwork*; James's *Principles*.

3-4—Experimental Psychology, Introductory Course. Lectures, recitations, and laboratory work. 3 lectures and 4 hours' laboratory work. Professor WOODWORTH, assisted by Mr. BROWN

M., W., and F. at 9; laboratory work, M. and W., or Tu. and Th., 2.10-4, Psychological Laboratory, Schermerhorn.

This is an introduction to psychology, with emphasis on those parts of the subject in which the experimental method is most successfully applied; that is, on such topics as the senses, feeling, voluntary and involuntary movement, perception and illusion, memory and association, speed of mental processes, practice, economy in mental work, mental differences between individuals, application of psychological experiment to the settlement of practical questions. Experimental studies of these topics are made by the students in the laboratory.

Psychology 3 is devoted to the sensory and motor processes; Psychology 4 to the higher mental processes.

It is recommended that those who elect this course should also take or have taken Psychology 1-2, or some other general introduction to psychology.

7-8—Experimental Psychology, Introductory Course. Lectures, recitations, and laboratory work. 2 lectures and 4 hours' laboratory work. Mr. WOODROW

Tu. and Th. at 2.10, and laboratory work W. and F. afternoons, Barnard College.

The scope of this course is essentially the same as that of Course 3-4.

**21-22**—(Same as Education **21-22**)—Child Psychology. Observation, experiment, private reading, and conferences. Dr. NORSWORTHY  
Tu. and Th. at 10, Teachers College.

This course is designed to present the facts, so far as they have been scientifically determined, concerning the nature and development of the mind during childhood and adolescence, with special reference to the meaning of these facts to the teacher.

**111-112**—Experimental Psychology, Advanced Course. Lectures, themes, discussions, and demonstrations. Professors CATTELL and PILLSBURY

Tu. and Th. at 10, Psychological Laboratory, Schermerhorn.

The subject of this course, which is open to students who have taken Psychology 3-4 or another course in psychology and are trained in laboratory work in some science, is altered each year. A special department of psychology (as the higher mental processes or individual differences), a special method of approach (as mental measurement or laboratory methods), or a special treatment (as that of James or Wundt), will be reviewed. In 1908-09 the subject for the first half-year will be the senses, under the charge of Professor PILLSBURY; and, for the second half-year, habit, memory, imagery and association, under the charge of Professor CATTELL.

**113-114**—Experimental Psychology. Laboratory work in connection with Psychology **111-112**. 2 to 8 hours, counting as 1 to 4 hours. Professors CATTELL and PILLSBURY, and Mr. HOLLINGWORTH

M., Tu., W., and Th., 2.10-4, Psychological Laboratory, Schermerhorn.

This course is intended to give students attending Course **111-112** opportunities for laboratory work, and should, when possible, be taken in conjunction with it. Each student is expected to take up a special problem, verifying work done by others and proceeding to independent investigation. Students of psychology electing the course on the statistical study of variation (Anthropology **121**) may elect this course.

**121-122**—Genetic Psychology, Advanced Course. Professor THORNDIKE

M. and W. at 11, Teachers College.

A systematic course treating of mental development and the psychological basis of educational theory, followed by a topical survey of the recent literature of educational psychology.

**131-132**—Physiological Psychology. Lectures, themes, and demonstrations. Professor WOODWORTH

M., W., and F. at 4.10. 407 S.

In this course, for which some knowledge of psychology and of experimental work in psychology or allied sciences is prerequisite, the structure and functions of the nervous system are considered, in so far as they throw light on psychology. Some of the topics treated are the evolution of the nervous system and of instinct and intelligence; the functions of the brain and spinal cord in man and the higher animals; the relation between mental activities and such bodily processes as respiration and circulation; physiology of the senses and of movement; fatigue and inhibition.

**133-134**—Laboratory Course in Physiological Psychology. A companion course to **131-132**. 2-8 hours. Professor WOODWORTH and Mr. BROWN

M., Tu., W., and Th., 2.10-4, Psychological Laboratory, Schermerhorn

Opportunity will be offered for studying the anatomy of the nervous system and for conducting physiological and psychological experiments bearing on the topics of the course.

\***135-136**—Pathological Psychology. Lectures, themes, and demonstrations. Professor WOODWORTH

M., W., and F. at 4.10. 407 S.

The principal types of mental derangement, and such minor abnormalities as hypnosis, obsessions, and morbid impulses and emotions, are studied from a psychological point of view.

Courses 131-132 and 135-136 are given in alternate years.

**137-138**—Laboratory and Observational Work in Pathological Psychology. 2-8 hours. Professor WOODWORTH and Mr. BROWN

Qualified students are afforded an opportunity of becoming acquainted with mental abnormalities, as seen in clinics, hospitals, and asylums, and of making careful observations on selected cases.

**161**—Analytic Psychology. Lectures, discussions, and private reading. Professor PILLSBURY

W. and F. at 11, Psychological Laboratory, Schermerhorn.

This course considers the principal questions of psychological theory from the standpoint of introspective analysis, but with due regard to physiological and pathological facts. Passages from James's *Principles of Psychology* and Stout's *Analytic Psychology* are expounded and criticised. The subjects treated include: Methods of explanation in psychology; the relation of consciousness to its objects; the psychology of space and time; the nature of attention, belief, emotion, will.

†**163**—Philosophy of Mind. Lectures, discussions, and private reading. Professor STRONG

[Hours to be arranged.]

**221-222**—The Application of Psychological and Statistical methods to Education. Professor THORNDIKE

W., 4.10-6, Teachers College.

In 1908-09 this course will be given in the second half-year only.

This course prepares students to investigate such problems in psychology and education as involve accurate treatment. Those beginning research work in psychology are recommended to follow the first part of this course, which treats subjects such as methods of measurement and the treatment of statistics.

†**231-232**—Special Psychology. Lectures, reports, and demonstrations. Professor WOODWORTH

M. and W. at 11.

Some chapter in experimental psychology is treated as fully as possible, with reading and criticism of the original sources. The subject is changed from year to year. Probable subjects for the future are vision, hearing, movement, psychophysics, economy of mental work, etc. The selection of a topic for any year may be influenced by the wants of prospective students.

**233-234—Research in Physiological and Pathological Psychology.** Professor WOODWORTH and Mr. BROWN  
[Hours to be arranged.]

This course is intended for advanced students, candidates for the higher degrees. Original investigations are undertaken in consultation with the instructors.

**251-252—(Same as Neurology 51)—Diseases of the Mind and Nervous System.** Lectures and demonstrations. Professor STARR  
W., at 11, College of Physicians and Surgeons.

This course extends through two years. One year, 1908-09, is devoted to the study of the diseases of the spinal cord and functional nervous diseases. This part of the course is of interest chiefly to students of medicine. In the year 1909-10 diseases of the brain and insanity are treated. This part of the course is preceded by some general lectures on the structure and functions of the brain; on localization; on the physical basis of thought; on aphasia; and on mental symptoms in disease. The lectures on insanity emphasize the contrast between normal and abnormal mental action.

**†261—Research Work in Analytic Psychology and the Philosophy of Mind.** Consultations. Professor STRONG

Hours to be arranged. Psychological Laboratory, Schermerhorn.

This course is intended for advanced students who are candidates for the higher degrees. Original investigations are undertaken under the direction of the instructor.

**281-282—Problems in Experimental Psychology.** Lectures and reports. Professors CATTELL, PILLSBURY, and WOODWORTH  
F., 10-12, Psychological Laboratory, Schermerhorn.

The subject of this course is altered each year, it being based on researches carried on in the laboratory. The methods are those of the seminar. Students are expected to carry out original research, and to report on their work and on the literature of the subject.

**283-284—Research Work in Experimental Psychology.** Professors CATTELL and PILLSBURY, assisted by Mr. BROWN and Mr. HOLLINGWORTH  
Daily, Psychological Laboratory, Schermerhorn.

Students looking forward to the degree of Doctor of Philosophy, and scientific men, are given in this course opportunity for psychological research in any direction. The laboratory has been specially arranged and the apparatus secured for such research, and any additional or new apparatus required for special investigation will be at once secured. Students are referred to the description of the laboratory and its equipment.

**301-302—Seminar in Psychology.** Professor CATTELL  
[Hours to be arranged.]

In 1908-09 second half-year only.

This course is for the discussion of research work, especially work in progress at this university. Students engaged in research work are admitted on the invitation of the instructor.

**321-322—Seminar, Genetic and Comparative Psychology.** Professor THORNDIKE  
[Hours to be arranged.]

In this course an opportunity is afforded for original study of mental development in the race and in the individual, and for the scientific investigation of those topics in educational theory and practice which lend themselves to treatment by the methods of psychological research.

*Summer Session***1908**

- s1—Elements of Psychology. Two points. Professor STRATTON
- s3-4—Experimental Psychology. Two points. Professors WOODWORTH and RUGER
- s21—Child Psychology. Two points. Dr. BAGLEY
- s121—Genetic Psychology. Two points. Professor WOODWORTH
- s161—Analytic Psychology. Two points. Professor STRATTON
- s283-284—Research Course. Professors WOODWORTH, STRATTON, and RUGER

**1909**

For courses in psychology given in the summer of 1909, consult the Summer Session Announcement for that year.

**Courses in Anthropology**

- 1-2—Anthropology, General Introductory Course. Lectures, essays, and discussions. Professor FARRAND
- M. and W. at 2.10, Psychological Laboratory, Schermerhorn.
- M., W., and F. at 1.10, Barnard College.

In the first half of this course a description of human races and of their distribution is given. The physical characters of the earliest human remains and their relations to present forms are discussed, and types of languages and their geographical distribution are described. In the second half of the year there is a discussion of the mental development of primitive man, which is followed by a description of types of primitive culture, and an inquiry into the origin and development of particular phases of culture. Open to Juniors.

- 101-102—General Ethnography. Lectures, essays, and discussions. Professor BOAS
- W. and F. at 9, Room 505 Schermerhorn.

In this course the ethnology of primitive tribes is described, in geographical order. The course aims to give a summary of the cultural types of the world and of their historical relations. Open to Juniors.

- 103-104—Prehistoric Archæology. Lectures, essays, and discussions. Professor SAVILLE and Dr. BERKEY

M. and W. at 11, Room 505 Schermerhorn.

In the first part of this course the geological basis of prehistoric archæology is discussed, while in the second part the questions of prehistoric archæology are taken up in detail. The collections of the Geological Department and of the American Museum of Natural History are utilized for illustrating this course. Open to Juniors.

- 105-106—Ethnology—Primitive Culture. Lectures, papers, and discussions. Professor FARRAND

M. and W. at 3.10, Room 505 Schermerhorn.

This course consists of a more detailed treatment of the questions involved in primitive culture, such as the origin and development of mythology, morality, and religion, educa-



tion, art, social customs, etc. Students are expected to have taken Anthropology 1-2 or 101-102, or to give satisfactory evidence of previous work before being admitted to this course.

**†107-108—Ethnography of America and Siberia.** Lectures and discussions. Professor BOAS

**\*109-110—Ethnography of Africa.** Lectures and discussions. Professor BOAS

Tu. and Th. at 11, Room 505 Schermerhorn.

In this course a somewhat detailed description of the physical types and forms of culture of Africa is given, and the practical problems resulting from the presence of the African race in America are discussed.

**115-116—Mexican Archæology.** Lectures, essays, and discussions. Professor SAVILLE

M. and W. at 10, Room 505 Schermerhorn.

In this course the archæology of Mexico and the adjoining regions to the south will be discussed. The collections in the American Museum of Natural History will be utilized for illustrating this course.

Prerequisite: 101-102 or 103-104 or equivalent reading.

**117-118—American Languages.** Lectures and discussions. Professor BOAS

Tu. and Th. at 10, Room 505 Schermerhorn.

Selected languages of North America will be discussed representing different types. Indian myths will be translated in connection with grammatical interpretation. The course extends over two years, allowing time for the consideration of representative types of North American languages.

**129-130—American Languages.** Advanced course. Professor BOAS

Tu. and Th. at 11.10, Room 505 Schermerhorn.

The principal object of the course is to give students experience in recording Indian languages and of elaborating their grammatical structure. For this purpose texts will be taken down from dictation by Indians and the recorded texts will be translated and analyzed.

**119-120—Morphology with Special Reference to Physical Anthropology.** (See Anatomy 24.) Professor HUNTINGTON

**121-122—Anthropometry.** Lectures. Professor BOAS

Tu. and Th. at 9.10, and three hours' laboratory work. Room 505 Schermerhorn.

In this course the general subject of biological variation will be treated and practical instruction on anthropometric methods will be given.

Prerequisite: Mathematics 12, or equivalent reading.

**125-126—Early Spanish Sources for American Ethnography.** 2 hours. Mr. BANDELIER

Tu. and F. at 4.10, Room 505 Schermerhorn.



**127—Archæology of Peru.** Lectures and discussions. Mr. BANDELIER F. at 3.10, Room 505 Schermerhorn.

**201-202—Seminar in Ethnology.** Professor BOAS  
Tu., 4-6, biweekly, Room 505 Schermerhorn.

**203-204—Research Work in Anthropology.** Professors BOAS, FAR-  
RAND, and SAVILLE  
Daily, Room 505 Schermerhorn.

### Extension Courses

See special circular of extension courses.

### Cognate Courses

Students of philosophy, psychology, or anthropology are advised to acquaint themselves with the wealth of courses offered by other Departments of the University. Full descriptions of the courses offered by any department can be obtained by application to the Secretary of the University. Many of these courses are cognate with those offered by this Division, and certain of them may, with special permission, be counted as courses in philosophy, psychology, or anthropology, in the preparation for higher degrees.

### Teachers College

Teachers College, founded in 1888, became in 1898 a part of the educational system of Columbia University. As a professional school for the study of education and the training of teachers, it takes academic rank with the Schools of Law, Medicine, and Applied Science. The courses, the schools of observation and practice, and the other resources of Teachers College add greatly to the opportunities of students of philosophy, psychology, and anthropology, and in return the advanced students of Teachers College often follow courses offered by this Division. The Announcement of Teachers College for 1908-09 will be sent on application to the Secretary of Teachers College.

### American Museum of Natural History

By arrangement with the authorities of the Museum, its extensive collections are available for students of the University. The work of the department of anthropology is carried on in cooperation with that institution, certain of the courses being held at the Museum. The anthropological collections, already large, are being constantly extended and afford exceptional facilities for research.

## New York Academy of Sciences

The Section of Anthropology and Psychology of the New York Academy of Sciences holds monthly sessions. The students in this Division may attend the meetings of this section and present papers. The results of important research may be printed by the Academy.

### Library Facilities

The library facilities of Columbia University and of the City of New York for students of philosophy, psychology, and anthropology are unusually good. The University library, open daily (except Sunday) for fifteen hours, contains over 400,000 bound volumes and an equal number of pamphlets, and the additions for the past five years have averaged more than 18,000 volumes annually. Any book needed by an advanced student can usually be bought at once. The collection of books on the history of philosophy is very large, that on Kant and his philosophy being especially complete. About 1,000 periodicals are regularly received at the University Library, and among them will be found every journal of importance, American or foreign, dealing with philosophy, psychology, anthropology, ethics, or education. Duplicates of the more important books and journals are placed in the Psychological Laboratory and may be used by students at their convenience. There is in the Laboratory a card index of psychological literature, containing over 17,000 titles. Students of psychology will also find much of value in the library of the Academy of Medicine, 15 West 43d Street, which is open to qualified students free of charge. Students of anthropology may avail themselves of the library of the American Museum of Natural History. The Astor and Lenox Libraries are also available for students, on especially favorable terms, when introduced by one of the instructors.

### The Psychological Laboratory

The laboratory, which also provides for the work in anthropology not requiring the collections of the American Museum of Natural History, is in Schermerhorn Hall. The laboratory occupies the eastern half of the second floor and part of the floor immediately above, the rooms being as follows: A lecture-room, seating one hundred students, used also as a general laboratory, a seminar room with a department library, a workshop, a photographic and chemical room, an apparatus cabinet, an anthropometric laboratory, five rooms used as offices and laboratories by the officers of the department, and seven research laboratories. Two of these are dark-rooms, specially constructed to exclude sound as well as light, 18 feet high and well ventilated. The laboratory has light from the north and south, is supplied with electric current of both high and low potential, and is in all respects equipped both for instruction and research.

The collection of apparatus has been gradually secured at a cost of about \$10,000. It includes: (1) Outfit for making and repairing apparatus, electric motors, etc. A skilled instrument-maker is continually employed, adding greatly to the efficiency of the laboratory. (2) The outfit of an anthropometric laboratory with which Freshmen in the college and others are annually tested. (3) The apparatus, preparations, lanterns and microscope slides, charts, etc., needed for complete courses in experimental and physiological psychology and in anthropology; and (4) the apparatus that has been used or is being used in special researches. A large part of the apparatus has been made especially for the laboratory. It includes chronographs and recording apparatus of many kinds, driven by clockwork or by electric motors, of high and low speed, for long and short records, including several original designs adapted especially to certain lines of research, apparatus for studying the time, extent, and force of movement, fatigue, and the dynamogenic effects of sensations and emotions, sphygmographs, pneumographs, and planchettes, instruments for the study of the sense of time and the perception of space, an Ellis harmonium and Koenig acoustical apparatus, a spectro-photometer, special color-mixers, Auzoux's models, a photographic outfit, and many other instruments, models, preparations, charts, etc., used in the course of instruction and for research work. The outfit for the courses of instruction is now in large measure secured, and the annual appropriations can be used chiefly for apparatus needed in special researches.

### Degrees of Master of Arts and Doctor of Philosophy

All courses offered by the Division, except Philosophy A and those bearing numbers below 100 may be counted as part of the work required for the degrees of Master of Arts and Doctor of Philosophy; but courses numbered below 200 may only be so counted when additional work is taken in connection with them. A record of this additional work must be filed in the office of the Dean.

Candidates for the degrees of Master of Arts and Doctor of Philosophy must hold a bachelor's degree, or its equivalent, from a European institution, and are required to select one major and two minor subjects, and to pursue the same in residence for a minimum period of one and two years respectively. Ordinarily a somewhat longer time is required to obtain the degree of Doctor of Philosophy. This is always the case when the student is a graduate of a college which does not offer opportunities for a sound preliminary training in philosophy and psychology. Students who have been in residence at another university will be given credit for the same, but a residence of at least one year at Columbia University is required of all candidates for its degrees.

This Division offers three subjects—Philosophy, Psychology, and Anthropology—any one of which may be selected by a candidate as the major or as a minor subject for a university degree. With the approval

of the professor in charge of the candidate's major subject and the consent of the Dean, two minors may be taken in one subject, or one minor may be taken in two different subjects. The subject of the dissertation required of all candidates for the degree of Doctor of Philosophy, and that of the essay required of all candidates for the degree of Master of Arts, must lie in the field of the major subject. As a rule a major subject requires one-half of the student's entire time. A minor subject requires attendance on lectures for not less than two hours weekly.

In the Faculty of Philosophy admission as a regular student or as a candidate for the degree of Master of Arts does not admit to candidacy for the degree of Doctor of Philosophy. Only those students are admitted to candidacy for the degree of Doctor of Philosophy, who

- (1) Are recommended for such candidacy by the heads of the departments in which their major and minor subjects lie ;
- (2) Are certified as to their ability to read French and German by the heads of those departments ;
- (3) Are certified as to their ability to read Latin by the head of that department ; provided that students whose major subject is psychology, anthropology, or education, shall not be required to meet this test when it is certified by the professor in charge of their major subject that an ability to read Latin is not necessary for the proper prosecution of their researches.

In addition to the above requirements students who intend to become candidates for the degree of Doctor of Philosophy may be required to take a preliminary examination before they are recommended for such candidacy by the department in which their major subject lies.

When a student is admitted to candidacy for the degree of Doctor of Philosophy, he shall be credited with his past period of university residence, or with so much thereof as may be determined by the Dean and the professor in charge of the candidate's major subject.

Further information regarding the preparation for higher degrees is contained in a special circular of instruction for graduate students, to be had on application to the Secretary of the University.

### University Fellowships and Scholarships

Twelve University Fellowships, each of the annual value of \$650, and several specially endowed Fellowships are awarded by the University Council in April of each year.

Twenty University Scholarships, eight President's University Scholarships and four Curtis Scholarships (open to women), each of the annual value of \$150, are awarded by the University Council in May of each year. University scholars are required to pay all the fees established for matriculation tuition, and graduation. These Scholarships are open to

all graduates of colleges and scientific schools whose course of study has been such as to entitle them to be enrolled at Columbia University as candidates for a higher degree.

Eligibility to candidacy for the President's University Scholarships, for University Scholarships and for University Fellowships is limited to applicants who are not over thirty years of age.

Applications for Fellowships and Scholarships must be made on blank forms, which may be had, together with full information regarding the rules governing them, on application to the Secretary of the University. These applications must be received on or before March 1 and May 1 respectively.

### Students in Theological Seminaries

Theological Seminary students in the Union and in the General Theological Seminary, when properly certified by the authorities of those institutions, are admitted to pursue courses in this Division, and to become candidates for degrees without charge for tuition. Similar privileges are enjoyed by students in the Jewish Theological Seminary in the City of New York, in the Drew Theological Seminary at Madison, N. J., in St. Joseph's Seminary, Dunwoodie, Yonkers, N. Y., and in New Brunswick, N. J., Theological Seminary.

### Committee on Employment for Students

A Standing Committee on Employment for Students has been established by the University Council. This Committee will render any possible assistance to students who desire teaching or other employment as a means of helping to defray their expenses while at the University. Applications for assistance should be addressed to the Secretary of the Committee, Room 213, Library Building.

### Appointment Committee

There is an Appointment Committee, instituted by authority of the University Council, to recommend graduates of the College or University for teaching or other positions, and to assist competent graduates to obtain such positions. The Committee keep classified lists of those who wish employment, and will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible. No fees are charged for any service rendered by the Committee. Communications, either from graduates wishing positions or from those having appointments to make, should be addressed to the Secretary of the Appointment Committee, Room 213, Library Columbia University, New York, N. Y.



## Fees

A matriculation fee of \$5 is charged when a student first enrolls in Columbia University.

The annual tuition fee of candidates for a degree is \$150, payable in two equal semi-annual installments, with the proviso that the maximum fees for the degrees of Master of Arts and Doctor of Philosophy shall be respectively \$150 and \$300.

There is an annual gymnasium fee of \$7. This entitles the student to a locker and to the free use of the gymnasium and the baths.

Students who are not candidates for a degree pay a tuition fee at the rate of \$15 per annum for each hour of attendance a week on lectures or recitations, the maximum annual fee for such students being \$150.

Fees paid by students pursuing a partial course, who afterward qualify themselves as candidates for a higher degree, will be credited as part of the tuition fee required for students taking that degree.

The following fees are required to be paid before a student is admitted to examination for the degree named :

For the degree of Master of Arts, \$25 ; for the degree of Doctor of Philosophy, \$35.

## Publications

*The Educational Review; The Journal of Philosophy, Psychology and Scientific Methods; Archives of Philosophy; Archives of Psychology; Science, The Popular Science Monthly and The American Naturalist* are edited by officers of the Division, and make provision for the prompt publication of important articles.

A series of *Contributions* on philosophical, psychological, and educational subjects is published under the editorship of the officers of the Division and of Teachers College. The more important dissertations submitted by candidates for the degree of Doctor of Philosophy having their major subject in this Division, may be included in this Series if the writers so desire.

The following numbers of the *Contributions* have appeared :

VOLUME I—I. *Friedrich Heinrich Jacobi: a Study in the Origins of German Realism*, by Norman Wilde, Ph.D. (1894. Price, 60 cents.) 2. *Kant's Inaugural Dissertation of 1770*, including a Translation of the Dissertation, together with an Introduction and Discussion, by W. J. Eckoff, Ph.D. (1894. Price, 90 cents.) 3. *The Ethical System of James Martineau*, by Joseph H. Hertz, Ph.D. (1894. Price, 60 cents.) 4. *Friedrich Eduard Beneke: the Man and his Philosophy*, by Francis Burke Brandt, Ph.D. (1895. Price, \$1.00.)

VOLUME 2—I. *Hegel as Educator*, by Frederic Ludlow Luqueer, Ph.D. (1896. Price, \$1.00.) 2. *Hegel's Doctrine of the Will*, by John Angus



MacVannel, Ph.D. (1896. Price, \$1.00.) 3. *The Basis of Early Christian Theism*, by Lawrence T. Cole, Ph.D. (1898. Price, 50 cents.) 4. *Early American Philosophers*, by Adam Leroy Jones, Ph.D. (1898. Price, 75 cents.)

VOLUME 3—1. *The Formal and Material Elements of Kant's Ethics*, by William Morrow Washington, Ph.D. (1898. Price, 60 cents.) 2. *A Syllabus of Psychology*, by James H. Hyslop, Ph.D. (1899. Price, \$1.00.) 3. *A Syllabus of an Introduction to Philosophy*, by Walter T. Marvin, Ph.D. (1899. Price, \$1.25.)

VOLUME 4—1. *On Sensations from Pressure and Impact*, by Harold Griffing, Ph.D. (1895. Price, 75 cents.) 2. *Mental Imagery*, by Wilfrid Lay, Ph.D. (1898. Price, 50 cents.) 3. *Animal Intelligence*, by Edward L. Thorndike, Ph.D. (1898. Price, \$1.00.) 4. *The Emotion of Joy*, by George V. N. Dearborn, Ph.D. (1899. Price, 75 cents.)

VOLUME 5—1. *Conduct and the Weather*, by Edwin G. Dexter, Ph.D. (1899. Price, \$1.00.) 2. *On After-images*, by Shepherd I. Franz, Ph.D. (1899. Price, 75 cents.) 3. *Inhibition*, by Burtis B. Breese, Ph.D. (1899. Price, 75 cents.) 4. *The Accuracy of Voluntary Movement*, by Robert S. Woodworth, Ph.D. (1899. Price, \$1.00.)

VOLUME 6—1-4. *Educational Legislation and Administration in the Colonies*, by Elsie Worthington Clews, Ph.D. (1899. Price, \$2.00.)

VOLUME 7—1. *The Education of the Pueblo Child*, by Frank C. Spencer, Ph.D. (1899. Price, 75 cents.) 2. *The Economic Aspect of Teachers' Salaries*, by Charles Bartlett Dyke, A.M. (1899. Price, \$1.00.) 3. *Education in India*, by William I. Chamberlain, Ph.D. (1899. Price, 75 cents.) 4. *Horace Mann in Ohio*, by George Allen Hubbell, A.M. (1900. Price, 50 cents.)

VOLUME 8—1. *Imitation in Education*, by Jasper Newton Deahl, A.M. (1900. Price, 60 cents.) 2. *Historical Development of School Readers and of Method in Teaching Reading*, by Rudolph R. Reeder, Ph.D. (1900. Price, 60 cents.) 3-4. *Notes on Child Study*, by Edward L. Thorndike, Ph.D. (1901. Price, \$1.00.)

VOLUME 9—1. *The Mental Life of the Monkeys*, by Edward L. Thorndike, Ph.D. (1901. Price, 75 cents.) 2. *The Correlation of Mental and Physical Tests*, by Clark Wissler, Ph.D. (1901. Price, 75 cents.) 3. *The Practice Curve*, by Joseph Hershey Bair, Ph.D. (1902. Price, 75 cents.) 4. *Motor, Visual and Applied Rhythms*, by James Burt Miner, Ph.D. (1903. Price, \$1.00.)

VOLUME 10—1. *The Problem of Metaphysics and the Meaning of Metaphysical Explanation*, by Hartley Burr Alexander, Ph.D. (1902. Price, 75

- cents.) 2. *The Free-Will Problem in Modern Thought*, by William Hallock Johnson, Ph.D. (1903. Price, 75 cents.) 3. *The Concept Action in History and the Natural Sciences*, by Percy Hughes, Ph.D. (1905. Price, \$1.00.) 4. *Avenarius and the Standpoint of Pure Experience*, by Wendell T. Bush, Ph.D. (1906. Price, 75 cents.)

VOLUME 11—1. *School Administration in Municipal Government*, by Frank Rollins, Ph.D. (1902. Price, 75 cents.) 2. *Heredity, Correlation, and Sex Differences in School Abilities*. Edited by Edward L. Thorndike, Ph.D. (1903. Price, 50 cents.) 3-4. *The History of Secondary Education in the United States*, by E. G. Broome, Ph.D. (1903. Price, \$1.00.)

VOLUME 12—1-4. *The Professional Training of Secondary Teachers in the United States*, by G. W. A. Luckey, Ph.D. (1904. Price, \$1.25.)

VOLUME 13—1. *The Perception of Number*, by J. Franklin Messenger, Ph.D. (1903. Price, 50 cents.) 2. *Memory for Connected Trains of Thought*, by Ernest Norton Henderson, Ph.D. (1904. Price, 75 cents.) 3. *Measurements of Twins*, by Edward L. Thorndike, Ph.D. (1905. Price, 50 cents.) 4. *The Psychology of Association*, by Felix Arnold, Ph.D. (1906. Price, 50 cents.)

VOLUME 14—1. *The Psychology of Reading*, by Walter F. Dearborn, Ph.D. (1906. Price, \$1.00.) 2. *The Measurement of Variable Quantities*, by Franz Boas, Ph.D. (1906. Price, 50 cents.) 3. *The Diurnal Course of Human Efficiency*, by H. D. Marsh, Ph.D. (1906. Price, 90 cents.) 4. *The Time of Perception as a Measure of Differences in Sensation*, by Vivian A. C. Henmon, Ph.D. (1906. Price, 60 cents.)

VOLUME 15—1. *Linguistic Lapses*, by Frederic Lyman Wells, Ph.D. (1906. Price, \$1.00.) 2. *The Psychology of Mentally Deficient Children*, by Naomi Norsworthy, Ph.D. (1906. Price, \$1.00.) 3. *Empirical Studies in the Theory of Measurement*, by Edward L. Thorndike, Ph.D. (1907. Price, 50 cents.) 4. *Rhythm as a Distinguishing Characteristic of Prose Style*, by Abram Lipsky, Ph.D. (1907. Price, 50 cents.)

VOLUME 16—1. *The Field of Distinct Vision*, by William Carl Ruediger, Ph.D. (1907. Price, 70 cents.) 2. *The Influence of Bodily Posture on Mental Activities*, by Elmer Ellsworth Jones, Ph.D. (1907. Price, 50 cents.) 3. *A Statistical Study of Literary Merit*, by Frederick Lyman Wells, Ph.D. (1907. Price, 30 cents.) 4. *The Relation between the Magnitude of Stimulus and the Time of Reaction*, by Sven Froeberg, Ph.D. (1907. Price, 35 cents.)

VOLUME 17—*The Perceptual Factors in Reading*, by Francis Marion Hamilton, Ph.D. (1907. Price, 50 cents.)

## Degrees of Doctor of Philosophy Awarded

Since the organization of the departments constituting this Division the degree of Doctor of Philosophy has been conferred upon the following persons whose major subject has been chosen from those offered by the Division. The Division as reorganized in 1902 does not include Education; consequently, only those who have chosen Educational Psychology as a major subject since that time are included in this list.

### 1888

HENRY MARCUS LEIPZIGER, . . . *Philosophy, Ethics, and Psychology*  
 Dissertation: The philosophy of the new education  
 Superintendent of lectures to the people, 1890-  
 Address: Board of Education, 59th Street and Park Avenue, New York

DANIEL FRANCIS LINEHAN, . . . *Philosophy, Greek, and Latin*  
 Dissertation: A critical review of Kant's synthetic a priori judgments  
 Medical sanitary inspector, New York City, 1893-95  
 Address: 127 West 58th Street, New York

JAMES BUCHANAN NIES, . . . *Philosophy, Ethics, and Psychology*  
 Dissertation: The independence of language and thought  
 Clergyman and Orientalist, Hotel Margaret, Brooklyn, N. Y.  
 Address: Jerusalem, Palestine

### 1889

ALFRED POOLE GRINT, . . . *Philosophy, Ethics, and Psychology*  
 Dissertation: The ethical movement in English philosophy  
 Rector St. James's Church, New London, Conn., 1890-

### 1891

DANIEL EDWARD LORENZ, . . . *Philosophy, Psychology, and Ethics*  
 Dissertation: The theology of Kant  
 Pastor of the Church of the Good Shepherd (Presbyterian), New York, 1888-  
 Address: 168 West 81st Street, New York

### 1894

WILLIAM JULIUS ECKOFF, *Philosophy, Education, and Political Philosophy*  
 Dissertation: Kant's inaugural dissertation of 1770  
 Principal of the Woodcliff School, South Orange, N. J., 1902-

HAROLD GRIFFING, . . . *Psychology, Philosophy, and Biology*  
 Dissertation: On sensations from pressure and impact  
 Died January 29, 1900

JOSEPH HERMAN HERTZ, . . . *Ethics, Philosophy, and Education*  
 Dissertation: The ethical system of James Martineau  
 Rabbi, Witwaterstrand Old Hebrew Congregation  
 Address: P.O. Box 3206, Johannesburg, South Africa

- NORMAN WILDE, . . . . . *Philosophy, Ethics, and Latin*  
 Dissertation: Friedrich Heinrich Jacobi: A study in the origins of German realism  
 Professor of philosophy, University of Minnesota, 1903-

## 1895

- FRANCIS BURKE BRANDT, . . . . . *Philosophy, Education, and Sociology*  
 Dissertation: Friedrich Eduard Beneke, the man and his philosophy  
 Professor and head of the department of pedagogy, Central High School, Philadelphia,  
 1896-; editor *Philadelphia School of Pedagogy Record*

## 1896

- FREDERIC LUDLOW LUQUEER, . . . . . *Education, Psychology, and Sociology*  
 Dissertation: Hegel as educator  
 Principal of Public School 126, Brooklyn, N. Y., 1901-08

## 1898

- LAWRENCE THOMAS COLE, . . . . . *Philosophy, Ethics, and Political Philosophy*  
 Dissertation: The basis of early Christian theism  
 Rector of Trinity School, 147 West 91st Street, New York

- ADAM LEROY JONES, . . . . . *Philosophy, Education, and Literature*  
 Dissertation: Early American philosophers  
 Preceptor in philosophy, Princeton University, 1905-

- WILFRID LAY, . . . . . *Psychology, Philosophy, and Latin*  
 Dissertation: Mental imagery  
 Teacher of Latin and English in the De Witt Clinton High School, Borough of Man-  
 hattan, New York, 1899-

- JOHN ANGUS MACVANNEL, . . . . . *Philosophy, Anthropology, and Sociology*  
 Dissertation: Hegel's doctrine of the will  
 See list of officers

- EDWARD LEE THORNDIKE, . . . . . *Psychology, Philosophy, and Zoölogy*  
 Dissertation: Animal intelligence  
 See list of officers

- WILLIAM MORROW WASHINGTON, . . . . . *Philosophy, Education, and Psychology*  
 Dissertation: Formal and material elements of Kant's ethics  
 Pastor, Cuyahoga Falls, O.

## 1899

- BURTIS BURR BREESE, . . . . . *Psychology and Education*  
 Dissertation: On inhibition  
 Professor of psychology, University of Cincinnati

- ELSIE WORTHINGTON CLEWS (PARSONS), . . . . . *Education, Philosophy, and  
 Sociology*  
 Dissertation: The educational legislation and administration of the colonial govern-  
 ments  
 Inspector of schools, New York City, 1899-; lecturer in sociology, Barnard College,  
 1902-1905

GEORGE VAN NESS DEARBORN, . . . *Psychology, Education, and Anthropology*  
 Dissertation : The emotion of joy  
 Assistant professor of physiology, Tufts College, 1900-05 ; professor, 1905-

EDWIN GRANT DEXTER, . . . *Education, Philosophy, and Psychology*  
 Dissertation : Conduct and the weather ; an inductive study of the mental effects of definite meteorological conditions  
 Professor of education, University of Illinois, Champaign, Ill., 1900-08 ; Commissioner of Education for Porto Rico

SHEPHERD IVORY FRANZ, . . . *Psychology, Education, and Anthropology*  
 Dissertation : On after-images  
 Physiologist and psychologist, McLean Asylum, Waverley Mass., 1904-07 ; psychologist Government Hospital for the Insane, Washington, D. C.

GEORGE BALTHASAR GERMANN, . . . *Education and Psychology*  
 Dissertation : National legislation concerning education ; its influence and effect in the public land States east of the Mississippi River admitted prior to 1820  
 Principal of Public School No. 94, Brooklyn, 1902- ; principal of Evening School No. 17, Brooklyn, 1903-

ROBERT SESSIONS WOODWORTH, *Psychology, Philosophy, and Education*  
 Dissertation : The accuracy of voluntary movement  
 See list of officers

## 1900

WILLIAM ISAAC CHAMBERLAIN, . . . *Education and Philosophy*  
 Dissertation : Education in India  
 Professor of logic and mental philosophy, Rutgers College, New Brunswick, N. J.

RUDOLPH REX REEDER, . . . *Education and Geography*  
 Dissertation : The historical development of school readers and of method in teaching reading  
 Superintendent of the school of the Orphan Asylum Society, Hastings-on-Hudson, N. Y., 1900-

FRANK CLARENCE SPENCER, . . . *Education, Anthropology, and Psychology*  
 Dissertation : Education of the Pueblo child ; a study of arrested development

## 1901

HARTLEY BURR ALEXANDER, . . . *Philosophy and Psychology*  
 Dissertation : The problem of metaphysics and the meaning of metaphysical explanation  
 Professor of Philosophy, University of Nebraska, 1908-

ALFRED L. KROEBER, . . . *Anthropology and Psychology*  
 Dissertation : Decorative symbolism of the Arapaho  
 Instructor in anthropology, University of California, 1901-

GEORGE WASHINGTON ANDREW LUCKEY, . . . *Education and Psychology*  
 Dissertation : The professional training of secondary school teachers in the United States  
 Professor of education, University of Nebraska, 1895-



- CLARK WISSLER, . . . . . *Psychology, Anthropology, and Education*  
 Dissertation: The correlation of mental and physical tests  
 See list of officers

## 1902

- WILLIAM HALLOCK JOHNSON, . . . . . *Philosophy and Psychology*  
 Dissertation: The free-will problem in modern thought  
 Professor of Greek and New Testament Literature, Lincoln University, Pa., 1903-

## 1903

- JOSEPH HERSHEY BAIR, . . . . . *Psychology, Anthropology, and Sociology*  
 Dissertation: The practice curve: A study in the formation of habits  
 Professor of psychology and education, University of Colorado, Boulder, Colo., 1904-

- RUDOLPH MICHAEL BINDER, . . . . . *Philosophy, Psychology, and Sociology*  
 Dissertation: Feeling as the principle of individuation and socialization  
 Assistant in St. Bartholomew's Parish, New York, 1900-  
 Address: St. Bartholomew's Parish House, 209 East 42d Street, New York City

- ERNEST NORTON HENDERSON, . . . . . *Education, Psychology, and Philosophy*  
 Dissertation: A study in memory for connected trains of thought  
 Professor of education, Adelphi College, Brooklyn, N. Y.

- J. FRANKLIN MESSENGER, . . . . . *Psychology and Education*  
 Dissertation: The perception of number  
 Associate professor of psychology, Virginia State Normal School, Farmville, Va., 1906-

- JAMES BURT MINER, . . . . . *Psychology, Education, and Anthropology*  
 Dissertation: Motor, visual and applied rhythms  
 Assistant professor of psychology, University of Minnesota, 1906

## 1904

- PERCY HUGHES, . . . . . *Philosophy and Psychology*  
 Dissertation: The concept action in history and the natural sciences  
 Assistant professor of philosophy and psychology, Lehigh University

- WILLIAM JONES, . . . . . *Anthropology, Psychology, and Linguistics*  
 Dissertation: Some principles of Algonkin word formation  
 Research Assistant of the Carnegie Institution, 1905-  
 Address: Columbia University

- NAOMI NORSWORTHY, . . . . . *Psychology, Education, and Chemistry*  
 Dissertation: The psychology of mentally deficient children  
 See list of officers

- GREGORY DEXTER WALCOTT, . . . . . *Philosophy and History*  
 Dissertation: Kantian and Lutheran elements in Retschel's conception of God  
 Professor of Greek and history of philosophy, Hamline University, St. Paul, Minn.



## 1905

FELIX ARNOLD, . . . . . *Psychology, Philosophy, and English*

Dissertation: The psychology of association

Address: 34 St. Nicholas Place, New York

CHARLES JOSEPHUS C. BENNETT, . . . . . *Education and Psychology*

Dissertation: Formal discipline

Professor of education and psychology, Louisiana State University, Baton Rouge, 1905-

WENDELL T. BUSH, . . . . . *Philosophy and Psychology*

Dissertation: Avenarius and the standpoint of pure experience

See list of officers

WALTER FENNO DEARBORN, . . . . . *Education, Psychology, and Philosophy*

Dissertation: The psychology of reading

Instructor in educational psychology, University of Wisconsin, 1905-

VIVIAN ALLEN CHARLES HENMON, *Psychology, Philosophy, and Education*

Dissertation: The time of perception as a measure of differences in sensation

Professor of psychology, University of Colorado, Boulder, Colo.

HOWARD DANIEL MARSH, . . . . . *Psychology, Anthropology, and Sociology*

Dissertation: The diurnal course of human efficiency

Professor of philosophy, New York University

## 1906

FREDERIC LYMAN WELLS, *Psychology, Linguistics, and Germanic Philology*

Dissertation: Linguistic lapses

Physiologist, McLean Hospital, Waverley, Mass.

## 1907

ABRAM LIPSKY, . . . . . *Psychology, Sociology, and Economics*

Dissertation: Rhythm as a distinguishing characteristic of prose style

Teacher, New York City

WILLIAM CARL RUEDIGER, . . . . . *Psychology and Education*

Dissertation: The field of distinct vision

Assistant professor of educational psychology, George Washington University, Washington, D. C.

## 1908

ELMER ELLSWORTH JONES, . . . . . *Psychology, Philosophy, and Education*

Dissertation: The influence of bodily posture on bodily activities

Professor of psychology and education, State Female Normal School, Farmville, Va.

SVEN FROEBERG, . . . . . *Psychology and Philosophy*

Dissertation: The relation between the magnitude of stimulus and the time of reaction

Address: Olean, N. Y.

FRANCIS MARION HAMILTON, . . . . . *Psychology, Philosophy, and Education*

Dissertation: The perceptual factors in reading

Instructor in psychology, New York Training School for Teachers

### Consultation Hours

From September 21 to September 28, 1908, the several offices of the Division will be open throughout the day. After September 28 stated hours for consultation will be posted in the Division Headquarters and may be had upon application to the Secretary of the University.

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9.00	Ph. A-B C Ph. 161-162-B C Ph.† 229 230-415 L Ph. * 229 230-410 L Ps. 1-2-602 Hm Ps. 3-4-Ps. L	Ph. 371-372-410 L Ps. 1-2-602 Hm An. 121-122-505 S	Ph. A-B C Ph. 161-162-B C Ph.† 204-306 L Ph. * 207-286-415 L Ph. * 283-264-415 L Ph.† 205-306 L Ps. 1-2-602 Hm Ps. 3-4-Ps. L An. 101-102-505 S	Ps. 1-2-602 Hm An. 121-122-505 S	Ph. A-B C Ph. 161-162-B C Ph. * 229 230-410 L Ps. 1-2-602 Hm Ps. 3-4-Ps. L An. 101-102-505 S	Ps. 1-2-602 Hm
10.00	Ph. A-B C Ph. 181-182-T C Ph. 331-413 L An. 115-116-505 S	Ph. 371-372-410 L Ps. 21-22-T C Ps. 111-112-Ps. L An. 117-118-505 S	Ph. A-B C Ph.† 204-306 L Ph. * 283-264-415 L Ph.† 205-306 L Ph. 331-413 L An. 115-116-505 S	Ph. 371-372-410 L Ps. 21-22-T C Ps. 111-112-Ps. L An. 117-118-505 S	Ph. A-B C Ph. 181-182-T C Ph. 331-413 L Ps. 281-282-Ps. L	
11.00	Ph. A-501, 601, 603, 607, 609 Hm Ph. A-B C Ph. 21-22-600 Hm Ps. 121-122-T C Ps.† 231-232-407 S An. 103-104-505 S	An. * 100-110-505 S An. 129-130-505 S	Ph. A-501, 601, 603, 607, 609 Hm. Ph. A-B C Ph. 21-22-600 Hm Ps. 121-122-T C Ps. 161-Ps. L Ps.† 231-232-507 S Ps. 251-252-P & S An. 103-104-505 S	An. * 109-110-505 S An. 129-130-505 S	Ph. A-501, 601, 603, 607, 609 Hm Ph. A-B C Ph. 21-22-600 Hm Ps. 161-Ps. L Ps. 281-282-Ps. L	
1.10	Ph. 21-22-B C Ph. * 121-122-418 L Ph.† 131-132-418 L An. 1-2-B C		Ph. 21-22-B C Ph. * 121-122-418 L Ph.† 131-132-418 L An. 1-2-B C		Ph. 21-22-B C An. 1-2-B C	
2.10	Ph. 42-B C Ph. 161-162-415 L Ps. Lab. Courses An. 1-2-Ps. L	Ph. 209-210-415 L Ps. Lab. Courses Ps. 7-8-B C	Ph. 42-B C Ph. 161-162-415 L Ph. 219-418 L Ps. Lab. Courses An. 1-2-Ps. L	Ph. 209 210-415 L Ps. Lab. Courses Ps. 7-8-B C	Ph. 42-B C Ph. 161-162-415 L Ph. 219-418 L	
3.10	Ph.† 163-164-415 L Ph. * 169-170-415 L Ph. * 205-406 L Ph. * 206-405 L Ps. Lab. Courses An. 105-106-505 S	Ph.† 123-124-418 L Ph. * 127-128-418 L Ps. Lab. Courses An. 105-106-505 S	Ph.† 163 164-415 L Ph. * 169-170-415 L Ph. * 205-406 L Ph. * 206 405 L Ps. Lab. Courses An. 105-106-505 S	Ph.† 123 124-418 L Ph. * 127-128-418 L Ph. * 202-306 L Ps. Lab. Courses	An. 127-505 S	
4.10	Ph. 279-280-418 L Ps.† 131-132-407 S Ps. * 135-136-407 S	Ph.† 126-415 L Ph. 141-142-418 L Ph. 311-312-301 M An. 125 126-505 S An. 201-202-505 S	Ps.† 131-132-407 S Ps. * 135-136-407 S Ps. 221-222-T C	Ph.† 126-415 L Ph. 141-142-418 L Ph. * 202-306 L Ph. 311 312-301 M An. 125-126-505 S	Ph.† 225-226-306 L Ps.† 131-132-407 S Ps. * 135-136-407 S An. 125-126-505 S	

ABBREVIATIONS—L=Library.  
College. Hm=Hamilton Hall.

S=Schermerhorn. P & S=College of Physicians and Surgeons. Ps. L=Psychological Laboratory. B C=Barnard College. T C=Teachers





UNIVERSITY OF ILLINOIS-URBANA



3 0112 111491434